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WEEKLY WEATHER AND CROP REPORT

U. S. DEPARTMENT OF COMMERCE
ESSA - Weather Bureau

Prepared jointly by

U. S. DEPARTMENT OF AGRICULTURE
Statistical Reporting Service

In cooperation with

IOWA DEPARTMENT OF AGRICULTURE

121

73-01

Released Monday at 3:00 p.m., April 2, 1973

Des Moines, Iowa

Week Ending April 2, 1973

WEATHER: If you thought this past March was unusual you are right. The month was unusually warm, wet and snowless.

In 101 years of Iowa weather records never had less snow fallen, nor had more precipitation fallen as rain during March. However, in three years heavy snowfall and rainfall combined produced slightly greater total precipitation amounts. March 1973 also vies 1968 as the warmest since 1946.

March 1973 concluded the wettest 12 months since the like period 70 years ago (April 1902-March 1903). The 12 month precipitation, exceeding 41 inches, surpassed the normal by a third. The wetness of the year was further accentuated by the fact that 1972 was the coolest in 21 years, which reduced soil and water surface evaporation considerably to further conserve moisture supplies.

The crop season begins with, yet, an abundance of mud, high water tables and high stream flow. The unseasonal warmth beginning just before mid-January caused frost to go out of the ground early and vegetation to advance ahead of normal schedules.

This past week temperatures averaged 4 to 8° F. above normal with moderate to heavy precipitation falling at the week end except only near normal amounts fell across northern sections. Some lesser amounts fell in most sections earlier in the week.

CROPS: Wet weather has impeded fieldwork so far this spring. Less than two days were suitable for fieldwork during the week ending Friday, March 30. Major farm activities consisted of manure hauling, livestock care, some fertilizing, and preparing machinery for the 1973 crop season. Very little ground frost is still present.

Plowing: Plowing for 1973 crops is about 25 percent complete with spring plowing just starting. This is behind the 47 percent complete for both 1972 and the 1967-1971 average.

Oats: Oats seeding is at 7 percent complete, ahead of 1972 but behind the 1967-1971 average of 12 percent. Seeding is farthest ahead in the eastern third of the State.

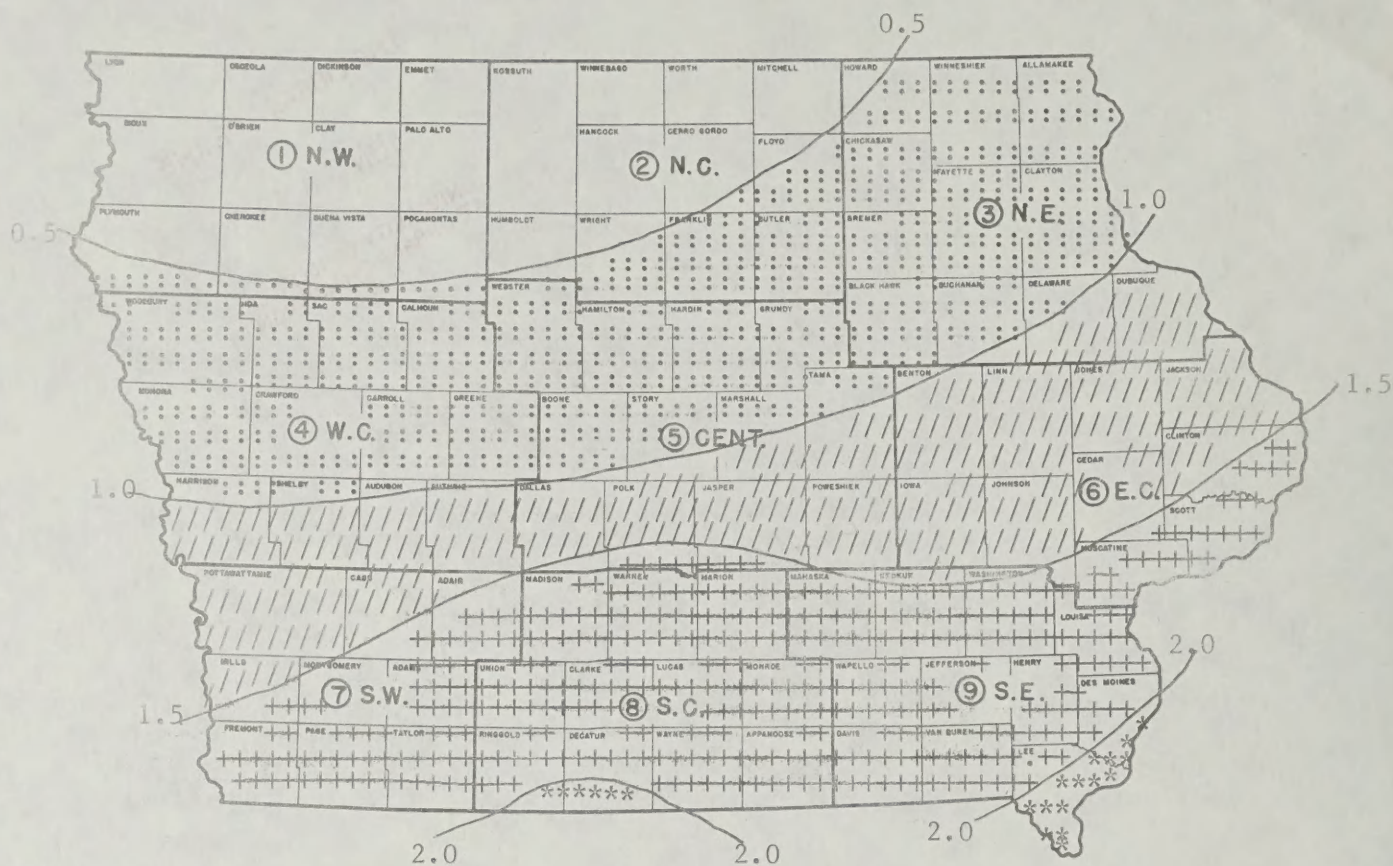
Soil Moisture: Topsoil moisture as of Friday indicate 77 percent surplus and 23 percent adequate.

Subsoil moisture reports for the same period indicate 71 percent surplus and 29 percent adequate. This compares with 22 percent short, 77 percent adequate and less than 1 percent surplus for the corresponding week last year.

(OVER)

(Crops and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

You can't make good decisions
without good information



WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	42	+4			0.4	±0.0		
2-NC	44	+6			0.4	-0.2		
3-NE	46	+8			0.8	+0.2		
4-WC	45	+4			0.7	+0.2		
5-CENT	47	+7			1.0	+0.5		
6-EC	48	+6			1.3	+0.7		
7-SW	46	+3			1.5	+1.0		
8-SC	48	+5			1.7	+1.1		
9-SE	49	+6			1.7	+1.1		

*Departures are computed from 1931-60 normals.

UNITED STATES DEPARTMENT OF AGRICULTURE
STATISTICAL REPORTING SERVICE
AGRICULTURAL STATISTICIAN
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210 WALNUT ST.
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IMMEDIATE - U. S. WEATHER AND CROP REPORT
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WEEKLY WEATHER AND CROP REPORT

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121 73-02

Released Monday at 3:00 p.m., CST, April 16, 1973 THE LIBRARY OF THE Des Moines, Iowa

Week Ending April 16, 1973

WEATHER: For the week ending April 9 temperatures averaged near or slightly subnormal and precipitation totaled near normal falling mostly as snow.

The week ending April 16 was cold and with heavy precipitation. One of the most disastrous snow storms in decades coupled with high winds covered much of the State the 8-9, excepting light amounts over the northwest and southeast. High winds 30 to 50 miles per hour with gusts to 60 mph. or higher and driving heavy snowfalls on the 9th isolated communities, broke tree limbs, caused power outages and killed a number of livestock and turkeys. The snow cover largely melted during the week. Heavy rains and some light snow the 15-16 caused high streams to flood in several localities.

CROPS: The blizzard of April 8 and 9 has stopped fieldwork in most of the State. The major exception is the northwest district. One day was suitable for fieldwork during the week ending Friday, April 13, and less than two days were suitable the previous week.

Plowing: Plowing for 1973 crops is about 32 percent completed, compared with 28 percent completed at this time last week. This is behind the 62 percent completed for both 1972 and the 1967-1971 average.

Oats: Oats seeding at 23 percent complete has advanced from last week's 16 percent. This is behind 1972's 55 percent and the 1967-1971 average of 58 percent.

Soil Moisture: Topsoil moisture reports as of Friday, April 13 indicate 80 percent surplus and 20 percent adequate. This compares with 76 percent surplus and 24 percent adequate the previous Friday.

Week Ending April 9, 1973
WEEKLY WEATHER BY DISTRICTS

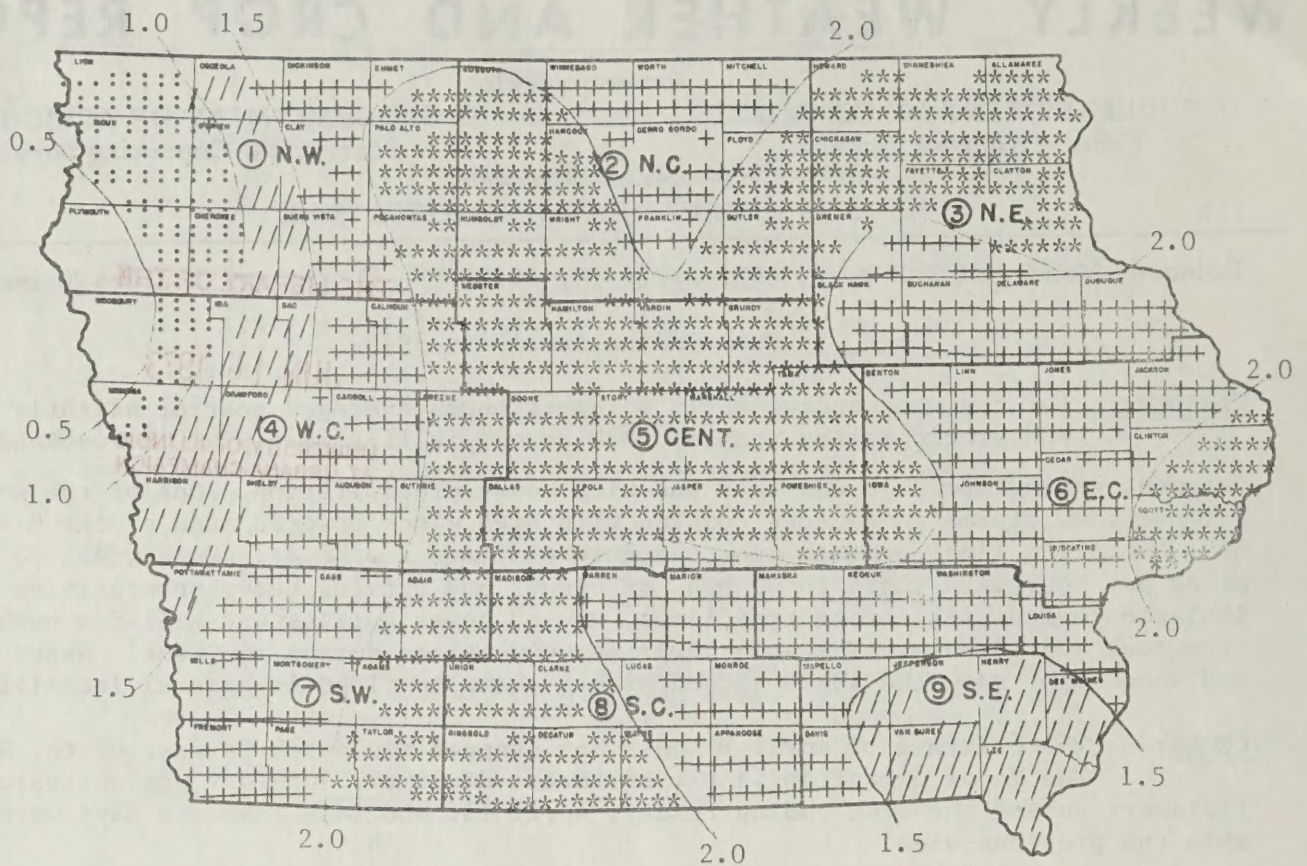
District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	41	-1	+2		0.1	-0.4	-0.4	
2-NC	41	0	+3		0.2	-0.4	-0.6	
3-NE	40	-2	+3		1.0	+0.4	+0.6	
4-WC	44	0	+2		0.2	-0.3	-0.1	
5-CENT	44	+1	+4		0.5	-0.1	+0.4	
6-EC	43	-1	+3		1.1	+0.5	+1.2	
7-SW	44	-3	0		0.5	0	+1.0	
8-SC	44	-2	+2		0.7	+0.1	+1.2	
9-SE	44	-2	+2		1.1	+0.5	+1.6	

*Departures are computed from 1931-60 normals.

(OVER)

(Crops and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

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Week Ending April 16, 1973
WEEKLY WEATHER BY DISTRICTS

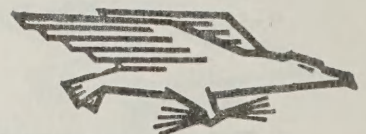
District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	41	-5	-3		1.5	+1.0	+0.6	
2-NC	38	-7	-4		2.0	+1.4	+1.0	
3-NE	36	-9	-6		2.2	+1.6	+2.0	
4-WC	41	-7	-4		1.0	+0.4	+0.1	
5-CENT	38	-9	-4		2.3	+1.7	+1.6	
6-EC	40	-8	-5		1.9	+1.2	+1.7	
7-SW	41	-9	-6		1.8	+1.2	+1.2	
8-SC	40	-9	-6		2.0	+1.3	+1.4	
9-SE	41	-9	-6		1.5	+0.8	+1.3	

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IOWA DEPARTMENT OF AGRICULTURE

73-03

Released Monday at 3:00 p.m., CST, April 23, 1973

Des Moines, Iowa

Week Ending April 23, 1973

JUN 18 1973
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

WEATHER: A warm week with heavy rainfalls in southeast and east central, diminishing to subnormal over the western and north central divisions. Stream flows diminishing in northwest but considerable flooding southeast. Storms and thunderstorms in latter half week caused some violent weather with hail, high winds, heavy showers and the seasons first tornadoes reported. Temperatures rose into the 60's and 70's in the latter half week.

CROPS: Fieldwork remains slow due to wet weather. Slightly more than one day was suitable for fieldwork during the week ending Friday, April 20.

Oats: Oats seeding is 35 percent complete. This is well behind the 76 percent last year and 78 percent for the 1967-1971 average.

Plowing: Plowing for 1973 crops is 35 percent complete. This is also well behind last year at 74 percent and 71 percent for the 1967-1971 average.

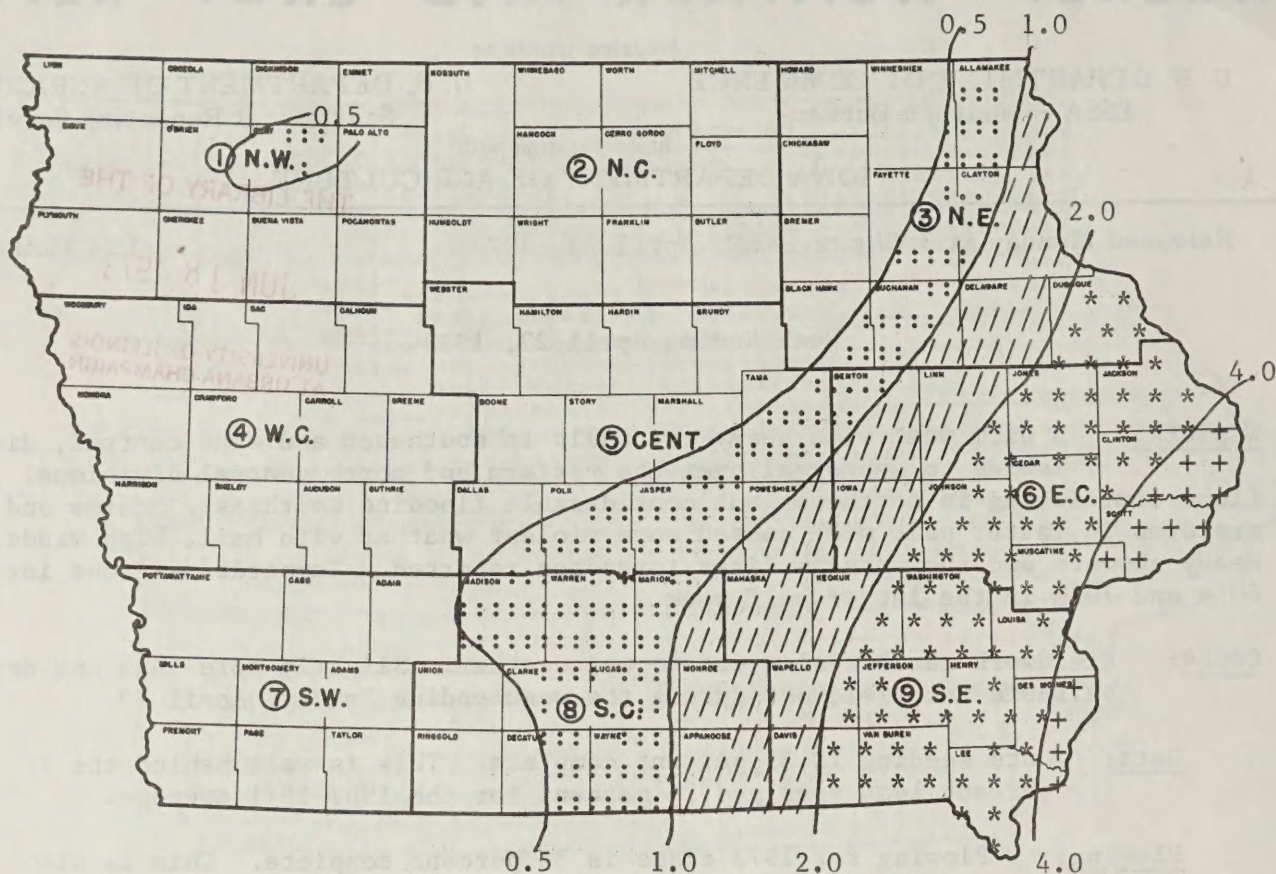
Pastures: To date feed being supplied by pastures is mostly average to below average. This is about the same as last year at this time.

Soil Moisture: Topsoil moisture reports as of Friday indicate 84 percent surplus and 16 percent adequate. Most of the reports of adequate moisture were from northwest Iowa.

(OVER)

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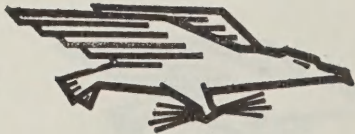


WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	55	+6	+1	+1	0.3	-0.3	+0.7	+0.3
2-NC	55	+7	0	+2	0.2	-0.4	+1.0	+0.6
3-NE	55	+6	-2	+1	1.0	+0.3	+1.9	+2.5
4-WC	56	+5	-1	+1	0.2	-0.5	-0.1	-0.2
5-CENT	56	+5	-2	+1	0.5	-0.1	+1.6	+2.0
6-EC	56	+5	-2	+1	2.7	+2.0	+3.2	+4.4
7-SW	57	+4	-3	-1	0.2	-0.4	+0.8	+1.8
8-SC	57	+5	-2	0	0.9	+0.2	+1.5	+2.7
9-SE	58	+5	-2	0	2.6	+1.8	+2.6	+4.2

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IOWA DEPARTMENT OF AGRICULTURE

73-04

Released Monday at 3:00 p.m., CDT, April 30, 1973

Des Moines, Iowa

Week Ending April 30, 1973

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WEATHER: Seasonal temperatures and subnormal precipitation in all but some west central counties where heavy showers fell at midweek with amounts upward to 2.81 inches fell at Carroll.

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

April Weather: Temperatures averaged near normal and precipitation averaged above normal for most of the state but western and north central division precipitation approached the normal. April's outstanding weather event was the snowstorm of April 8-10 which destroyed millions of dollars worth of livestock, mostly cattle and turkeys in addition to substantial property losses. Floods added to the losses during the month.

CROPS: Corn planting has started with four days suitable for fieldwork the week ending Friday, April 27. Field operations were generally limited to well drained soils.

Corn: Statewide about 5 percent of the corn acreage is planted, slightly less than normal for this date.

Oats: Oats seeding is 60 percent complete. Last year 85 percent of the oats had been seeded with the 5-year average of over 90 percent for this date.

Plowing: Plowing for 1973 crops is 50 percent complete, compared with 80 percent for last year and the 5-year average.

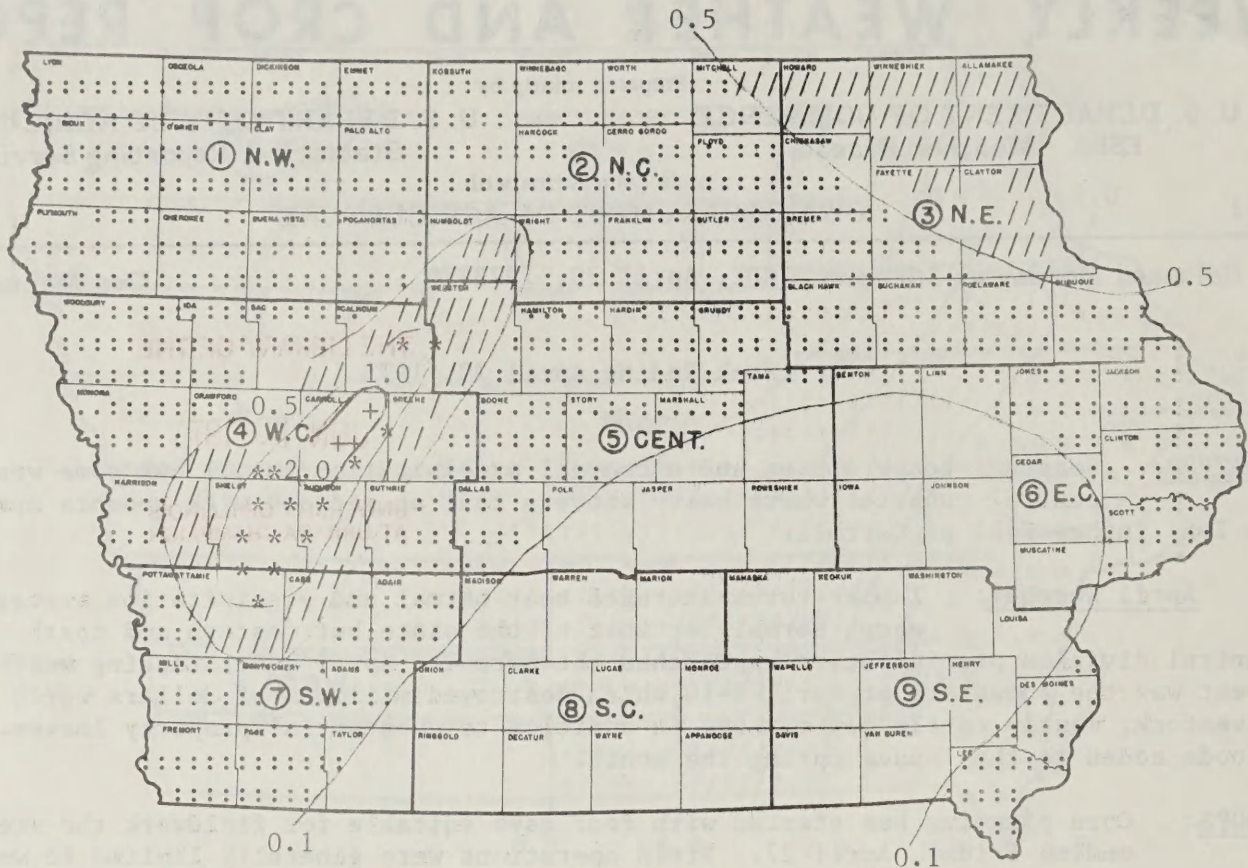
Legumes and Pasture: Early indications of legume seedings winter-killed show only about 6 percent lost. Feed being supplied by pastures is mostly average to below average.

Soil Moisture: Topsoil moisture reports as of April 27, 73 percent surplus and 27 percent adequate. Subsoil moisture reports as of April 27, 77 percent surplus and 23 percent adequate.

(OVER)

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WEEKLY WEATHER BY DISTRICTS

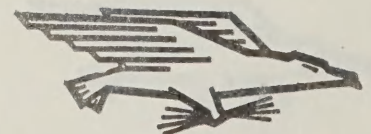
District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	49	-3	+2	-1	0.2	-0.4	-0.7	-0.1
2-NC	50	-1	+3	0	0.3	-0.4	-0.8	+0.2
3-NE	50	-1	+3	-2	0.5	-0.2	+0.1	+2.1
4-WC	53	0	+3	-1	0.9	+0.2	-0.3	-0.2
5-CENT	54	-1	+2	-1	0.1	-0.6	-0.7	+0.9
6-EC	54	+1	+3	-1	0.1	-0.7	+1.3	+3.0
7-SW	56	+1	+3	-2	0.2	-0.5	-0.9	+0.3
8-SC	56	+1	+3	-1	T	-0.7	-0.5	+0.9
9-SE	55	0	+3	-2	0.1	-0.7	+1.1	+2.4

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IOWA DEPARTMENT OF AGRICULTURE

73-05

Released Monday at 3:00 p.m., CDT, May 7, 1973

Des Moines, Iowa

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Week Ending May 7, 1973

JUN 18 1973

WEATHER: Showers and thunderstorms gave heavy rains, mainly in south and east portions, at start of the week and again on the weekend. Locally more than 4 inches fell in Decatur, Louisa, and Washington counties and less than one-half inch in the extreme northwest. All districts continue to run above normal for the last 4 weeks. Thursday and Friday were sunny days.

Temperatures also continued to be a few degrees below normal, mainly from cooler air the latter part of the week which gave frost in northern and central counties and a low of 24° at Oelwein on the 3rd. Warmest was 77° at Washington on the 4th.

CROPS: More rain has again slowed field progress. Only 2 days were suitable for fieldwork during the week ending Friday, May 4. The northwest corner of the State continues to be the most advanced.

Corn: Statewide about 6 percent of the corn acreage has been planted. This is behind last year's 9 percent and the 5-year (1967-1971) average of 32 percent.

Oats: Oats seeding is 68 percent complete, compared with 92 percent in 1972 and the 5-year average of 98 percent. Reports indicated that oats stands are 85 percent of normal.

Plowing: Plowing for 1973 crops is 55 percent complete, behind last year's 84 percent and the 5-year average of 89 percent.

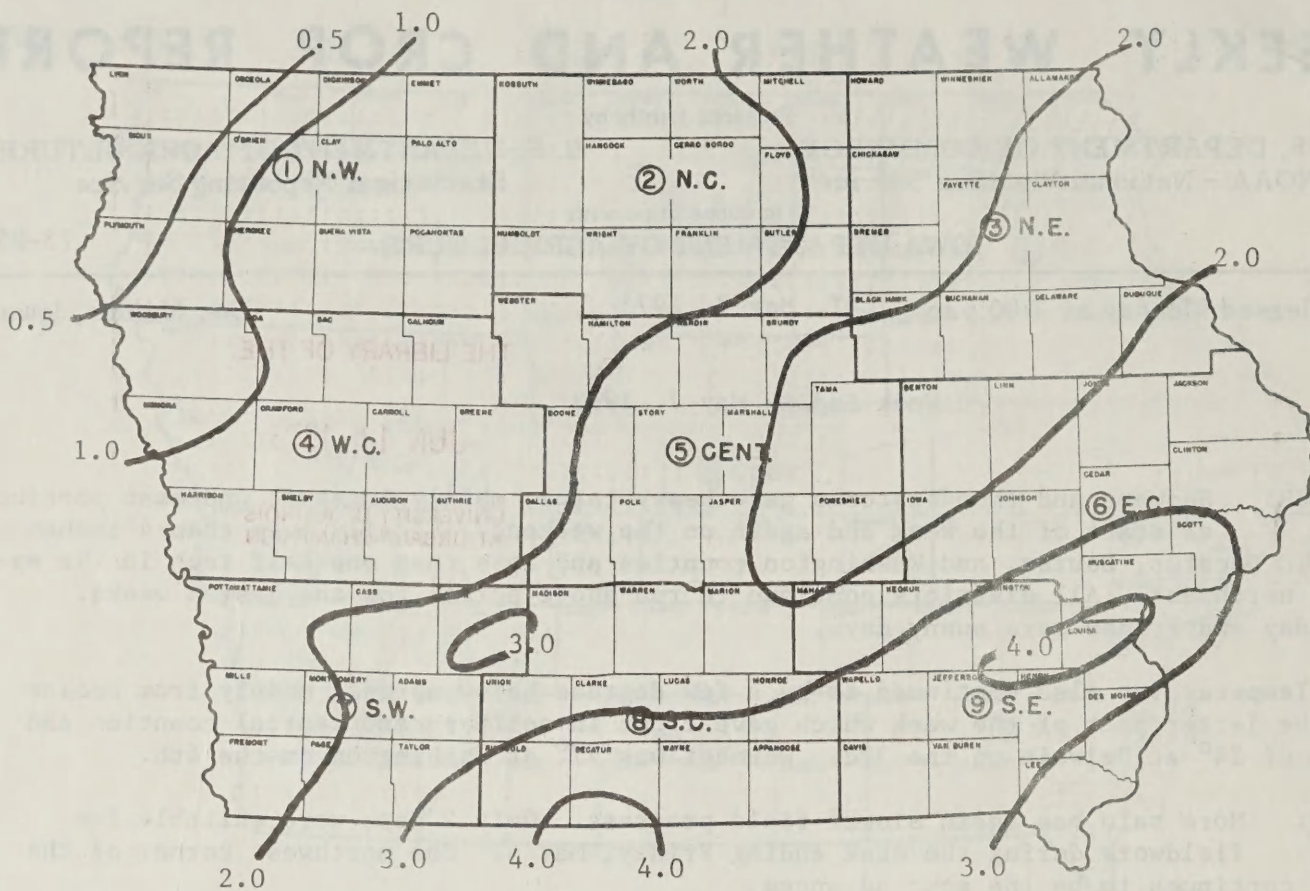
Legumes and Pastures: Reports indicate 6 percent of alfalfa and clover seedings winter-killed. Feed being supplied by pastures is mostly average.

Soil Moisture: Topsoil reports as of May 4 indicate 87 percent surplus and 13 percent adequate.

(OVER)

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WEEKLY WEATHER BY DISTRICTS

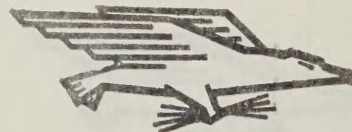
District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	51	-4	-4	-2	1.2	+0.5	+0.1	+0.8
2-NC	50	-4	-3	-1	1.8	+1.0	+0.6	+1.6
3-NE	51	-3	-2	-2	2.0	+1.2	+1.0	+2.9
4-WC	53	-3	-2	-1	1.4	+0.7	+0.9	+0.8
5-CENT	54	-2	-2	-2	2.1	+1.3	+0.7	+2.3
6-EC	55	-1	0	-1	2.6	+1.8	+1.1	+4.3
7-SW	55	-2	-1	-2	2.2	+1.3	+0.8	+1.6
8-SC	56	-1	0	-1	3.0	+2.1	+1.4	+2.9
9-SE	57	-1	-1	-1	3.3	+2.5	+1.8	+4.4

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IOWA DEPARTMENT OF AGRICULTURE

73-06

Released Monday at 3:00 p.m., CDT, May 14, 1973

Des Moines, Iowa

Week Ending May 14, 1973

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UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

WEATHER: Temperatures averaged a few degrees warmer than the previous week to be seasonal or still slightly below normal. On the 8th and 9th the maxima were mainly in the 70's and cooler air was dominant the latter part of the week. Highest was 82° at Marshalltown on the 8th; coolest 33° at Spencer on the 13th.

Moderately heavy rainfall again fell across the State from southwest portion to northeast portion, and below average elsewhere, all from occasional brief and scattered showers or thundershowers.

CROPS: There were two days suitable for fieldwork during the week ending Friday, May 11, with most of the progress made toward the week's end.

Corn: Statewide about 18 percent of the corn acreage has been planted. This is behind last year's 30 percent and the 5-year (1967-1971) average of 61 percent. Within the State, planting progress ranges from 50 percent in the northwest district to less than 5 percent in the south central and southeast districts.

Soybeans: Soybean planting has just begun in scattered areas throughout the State. The northwest and west central districts are the most advanced. Last year 3 percent had been planted and the 5-year average for this date is 12 percent.

Oats: Oats seeding is 80 percent complete as compared with virtual completion for last year and the 5-year average. Seeding ranges from nearing completion in northwest to nearing 50 percent in southeast and south central.

Other Crops: Reports indicated hay crops and pastures are in mostly good to fair conditions.

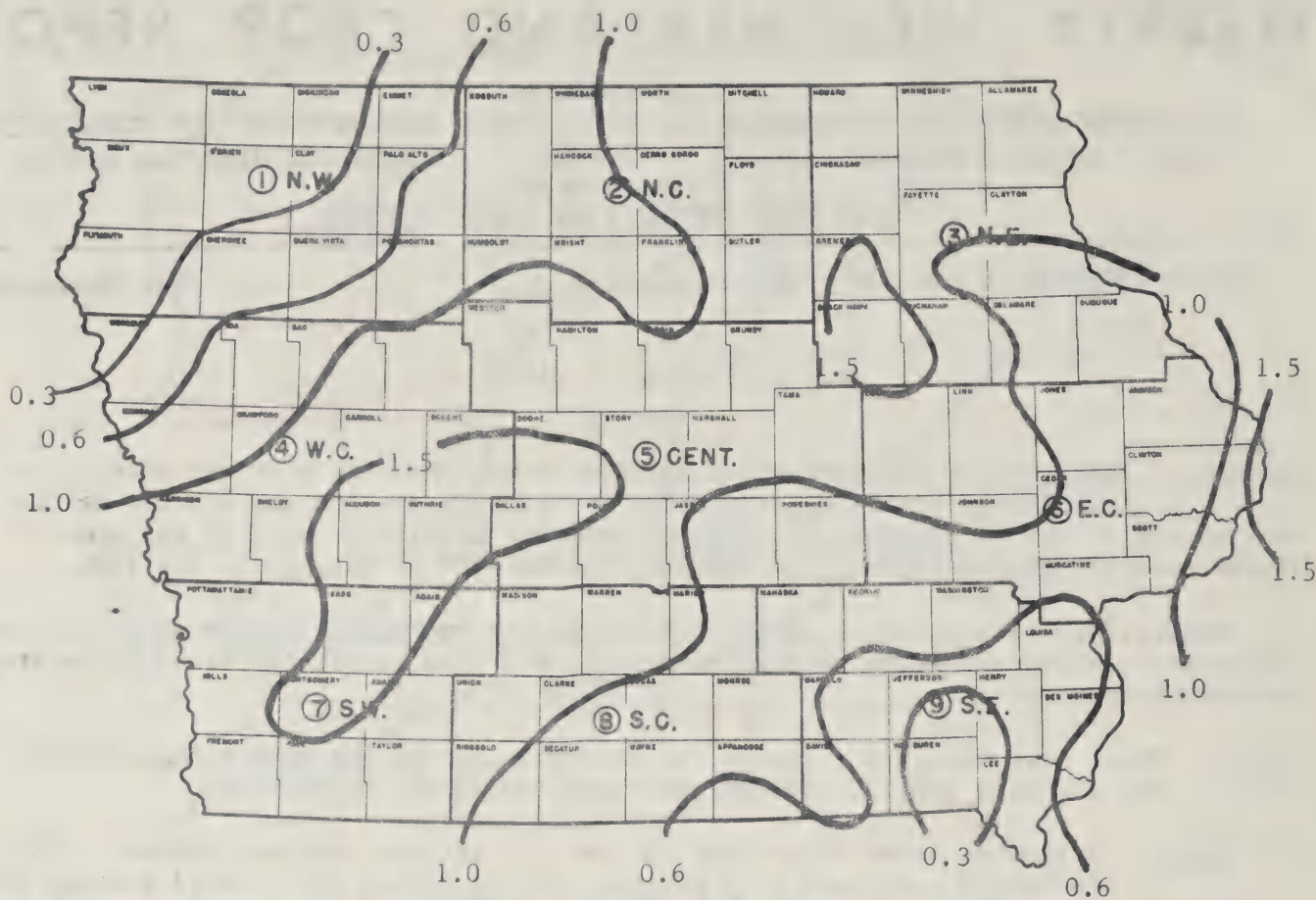
Plowing: Plowing for 1973 crops is 61 percent complete, behind 90 percent in 1972 and the 5-year average of 95 percent.

Soil Moisture: Topsoil moisture as of May 11 indicate 84 percent surplus and 16 percent adequate.

(OVER)

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WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	57	0	-2	0	0.4	-0.5	0.0	-0.7
2-NC	55	-2	-3	0	1.0	+0.1	+1.0	+0.3
3-NE	56	-1	-2	0	1.1	+0.2	+1.4	+1.5
4-WC	57	-1	-2	0	1.2	+0.4	+1.1	+0.8
5-CENT	58	0	-1	+1	1.2	+0.3	+1.6	+0.9
6-EC	58	0	-1	+1	0.9	+0.1	+1.9	+3.2
7-SW	58	-1	-2	+1	1.3	+0.4	+1.7	+0.8
8-SC	60	+1	0	+2	0.8	-0.1	+2.0	+1.5
9-SE	60	0	-1	+1	0.5	-0.4	+2.1	+3.2

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IOWA DEPARTMENT OF AGRICULTURE

73-07

Released Monday at 3:00 p.m., CDT, May 21, 1973

Des Moines, Iowa

Week Ending May 21, 1973

WEATHER: Temperatures averaged normal southwest to 3° below for eastern Iowa. Two fronts passing across the State supplied cool air into the northeast portion. Record low temperatures and frost were reported in the northeast on the 15th at Dubuque with 33° and Elkader with 26°, and on the 17th at Fayette with 27°. Highest during the week was 89° at Sioux City on the 20th.

It was a pleasantly dry week with lower relative humidity-- good for drying of fields, and some sunshine most days for part or all of the State. A few sprinkly showers with the fronts gave traces to a few hundredths inch of rainfall. Several days were somewhat windy.

CROPS: Brisk winds and low humidity rapidly dried the soil this week and Iowa's farmers made excellent planting progress. Wet spots, by necessity, are being farmed around in some fields for planting at a later date. Nearly 7 days were suitable for fieldwork during the week ending Friday, May 18.

Corn: Statewide about 64 percent of the corn acreage has been planted. This is just behind last year's 68 percent, with the 5-year (1967-1971) average being 85 percent. Within the State, planting ranges from 95 percent in the northwest to under 40 percent in the southeast and south central. About 4 percent of the planted corn has emerged as compared with 8 percent last year.

Soybeans: Soybean planting is 10 percent complete. Last year 19 percent had been planted by this date with the 5-year average of 37 percent.

Oats: Oats seeding is about 95 percent complete as compared with virtual completion for both 1972 and the 5-year average.

Other Crops: Reports indicated hay crops and pastures are in mostly good condition with improvement due with the beginning of warm weather.

Plowing: Plowing for 1973 crops is 80 percent complete, behind the 95 percent in 1972 and average of 99 percent.

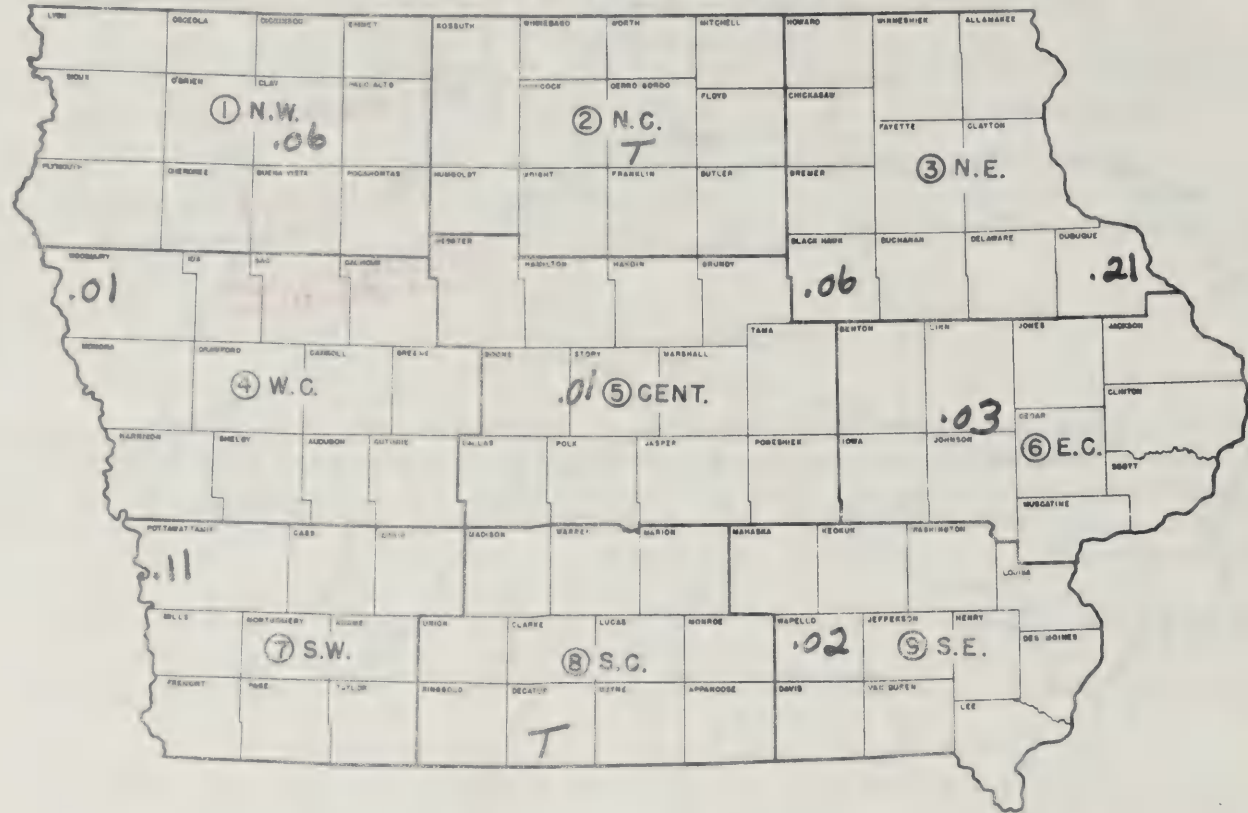
Soil Moisture: Topsoil moisture reports as of Friday indicate 24 percent surplus, 69 percent adequate, and 7 percent short. Most of the short moisture reports were from the northwest district.

(OVER)

(Crops and field development are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

You can't make good decisions
without good information.

SPOTTY REPORTS INDICATED:



WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	59	-1	-1	-2	T	-0.9	-1.4	-1.3
2-NC	58	-1	-2	-2	T	-0.9	-0.8	-0.2
3-NE	56	-3	-2	-2	0.1	-0.8	-0.6	+0.4
4-WC	61	0	-1	-1	T	-0.9	-0.5	+0.4
5-CENT	61	0	0	-1	T	-1.0	-0.7	0.0
6-EC	58	-3	-2	-1	T	-0.9	-0.8	+0.3
7-SW	62	0	-1	-1	T	-0.9	-0.5	+0.3
8-SC	61	-1	0	0	T	-0.9	-1.0	+0.4
9-SE	5	-3	-2	-1	T	-0.9	-1.3	+0.5

*Departures are computed from 1931-60 normals.

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73-08

Released Tuesday at 3:00 p.m., CDT, May 29, 1973

Des Moines, Iowa

Week Ending May 28, 1973

WEATHER: Temperatures ran one to two degrees below normal early in the week were in 70's and 80's but by weekend in 50's and 60's. Sioux City had a record high of 94° on the 21st. Minimums were mostly in the 50's with lowest of 38° at Carroll and Spencer on the 23rd and Mason City on the 26th.

Rainfall was excessively heavy, mainly from general weekend rains leaving more than 2 inches on much of the state. The southeast district received more than is normal for the whole month of May, and Keokuk reported a total of 5.67 inches for just the 26th and 27th. In the northwest Spencer also reported more than normal for the month with 4.37 inches. The lower Skunk River basin and other small streams in southeast Iowa were flooding again at week's end.

CROPS: With continued dry weather during the week Iowa's farmers made good planting progress; however, weekend rains brought fieldwork to a virtual standstill. Over 6 days were suitable for fieldwork week ending Friday, May 25.

Corn: Statewide 83 percent of the corn acreage has been planted. This is well behind 96 percent planted by this date for last year and the 5-year average. Planting progress across the State ranges from virtual completion in the northwest to just over two-thirds in the south central and southeastern districts. Nearly 25 percent of the corn plantings have emerged, compared with over 50 percent emerged in 1972. Reports indicated the stand of corn is 88 percent of normal.

Soybeans: Soybean planting is 33 percent completed. Last year 60 percent had been planted by this date with the 5-year average of 70 percent. Within the State, planting ranges from nearly 70 percent complete in the northwest to 40 percent or less for the rest of the State, with the east central, south central, and southeastern districts showing 20 percent or less.

Plowing: Plowing for 1973 crops is 87 percent complete, normally by this date all the plowing has been completed for spring planting.

Other Crops: Reports indicated oats, hay crops, and pastures are in mostly good condition.

Soil Moisture: Before the Statewide heavy weekend rainfall, topsoil moisture reports as of Friday indicated 35 percent short, 53 percent adequate and 12 percent surplus. Most of the short topsoil moisture reports were received from the three western districts.

Iowa Growing Degree Data - Week Ending May 25, 1973

Beginning with this issue of the Iowa Weekly Weather and Crop Report the weekly summaries of growing degree data will again be printed for each of 10 Iowa locations. Crop development, including corn, is highly correlated with seasonal temperatures, hence the daily totals of growing degree temperatures are computed by formula and summed each week.

The formula, as developed for and used in the National Weekly Weather and Crop Bulletin is as follows:

$$\text{Growing Degrees} = \frac{\text{Maximum } ^\circ\text{F.} + \text{Minimum } ^\circ\text{F.}}{2} - 50^\circ$$

Note: Limits will be used. All maximum temperatures above 86° F. are valued at 86° and all minimum temperatures below 50° are valued at 50° F. Temperatures above 86° F. and below 50° F. (but above 32°) add little to corn growth and may in fact be detrimental to corn growth.

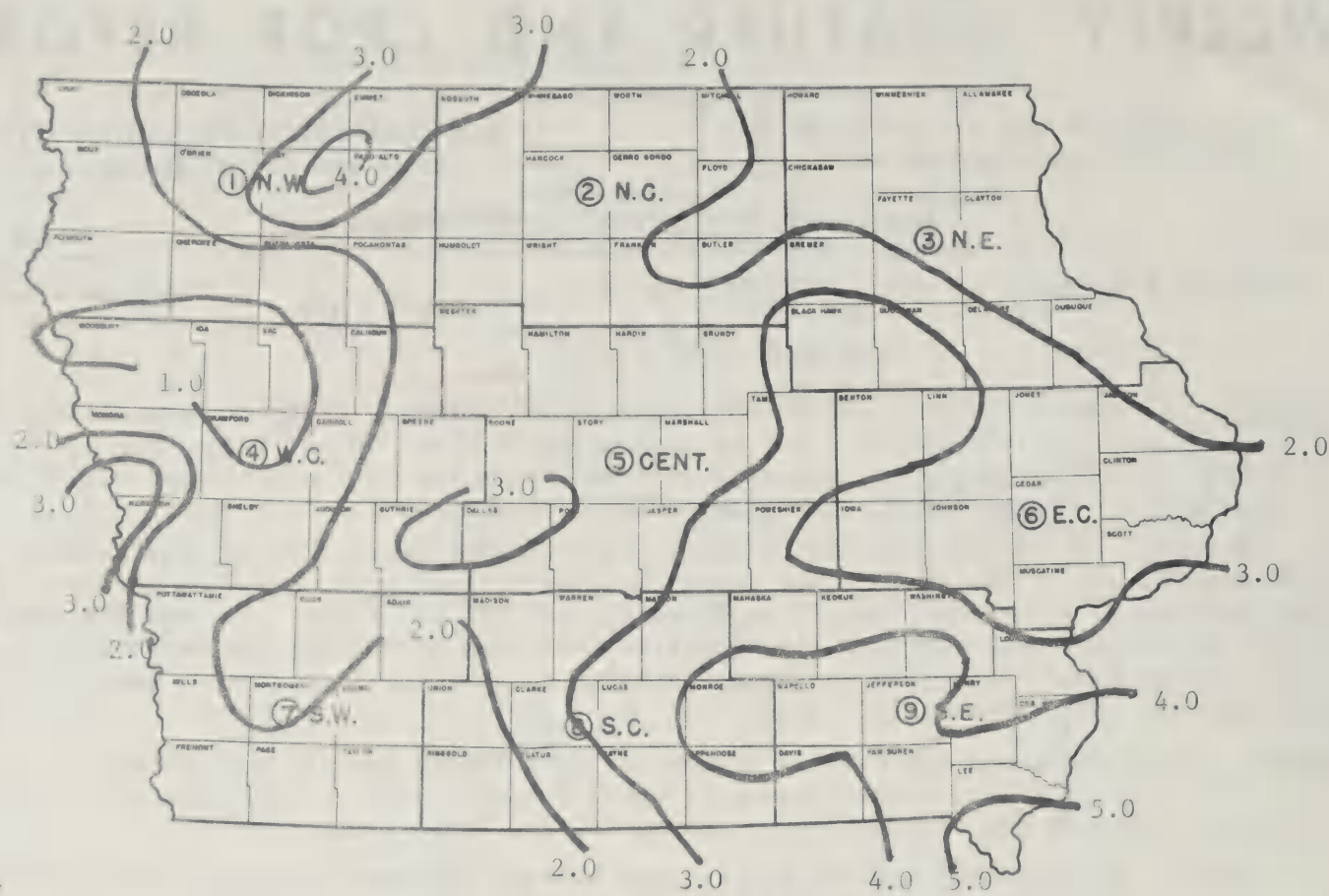
The table shown below will appear weekly during the growing season.

Location	Last Wk.	Dep.*	Since May1	Dep.*	Location	Last Wk.	Dep.*	Since May1	Dep.*
Rock Rapids	117	+26	278	+ 1	Ames	115	+20	269	-26
Storm Lake	100	+15	214	-46	Cedar Rapids	96	+ 1	263	-36
Mason City	95	+10	228	-33	Clarinda	127	+22	328	- 4
Fayette	89	+ 3	228	-36	Corydon	114	+11	298	-24
Denison	119	+27	285	- 4	Fairfield	101	- 3	268	-57

* Departures computed from 1941-70 normals.

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

(OVER)



WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	61	-1	-1	-2	2.2	+1.2	+0.3	+0.3
2-NC	59	-2	-2	-2	2.2	+1.2	+0.3	+1.4
3-NE	59	-2	-3	-2	1.9	+0.9	+0.1	+1.5
4-WC	63	0	0	-1	1.8	+0.8	-0.1	+1.0
5-CENT	62	-1	-1	-1	2.7	+1.7	+0.7	+2.3
6-EC	61	-2	-3	-2	2.6	+1.7	+0.8	+2.7
7-SW	65	+1	+1	-1	1.8	+0.9	0	+1.7
8-SC	63	-1	-1	-1	3.1	+2.2	+1.3	+3.3
9-SE	63	-2	-3	-2	4.2	+3.3	+2.4	+4.5

*Departures are computed from 1931-60 normals.

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121 IOWA DEPARTMENT OF AGRICULTURE 73-09

Released Monday at 3:00 p.m., CDT, June 4, 1973 Des Moines, Iowa

Week Ending June 4, 1973

WEATHER: Temperatures ranged from one to two degrees above normal in the northwest to one to two degrees below normal southeast. The week began cool but moderated by mid-week. Highest was 87° at Red Oak June 1st and lowest was 40° at Cherokee on May 30th.

Precipitation was confined to Saturday and Sunday when showers and thunderstorms prevailed. Amounts were below normal except for spotty areas in north central, central and east central districts.

CROPS: Excellent planting progress was made in the two and one-half days suitable for fieldwork during the week ending Friday, June 1. Soybean and corn weed control is mostly good to excellent.

Corn: Corn planting is 90 percent complete. Planting was virtually completed by this date for 1972 and the 5-year average. Over 50 percent of the corn plantings have emerged, compared with over 80 percent emerged in 1972. Reports indicated the stand of corn is 90 percent of normal and condition is mostly good to fair.

Soybeans: Forty-eight percent of the soybean acreage has been planted. Last year 82 percent had been planted by this date with a 5-year average of 84 percent. Percent planting completed ranges from over 80 percent in the northwest to 20 percent for the east central and southeast districts. Over 10 percent of the soybean plantings have emerged compared with 45 percent for 1972.

Other Crops: Reports indicated hay crops and pastures are in mostly good to excellent condition. Oats are in mostly good condition but range from fair to excellent. First cutting of alfalfa hay has started. There have been a few reports of alfalfa weevil damage.

Soil Moisture: Topsoil moisture reports as of Friday indicated 52 percent adequate and 48 percent surplus. Subsoil moisture reports as of Friday indicated 43 percent adequate and 57 percent surplus.

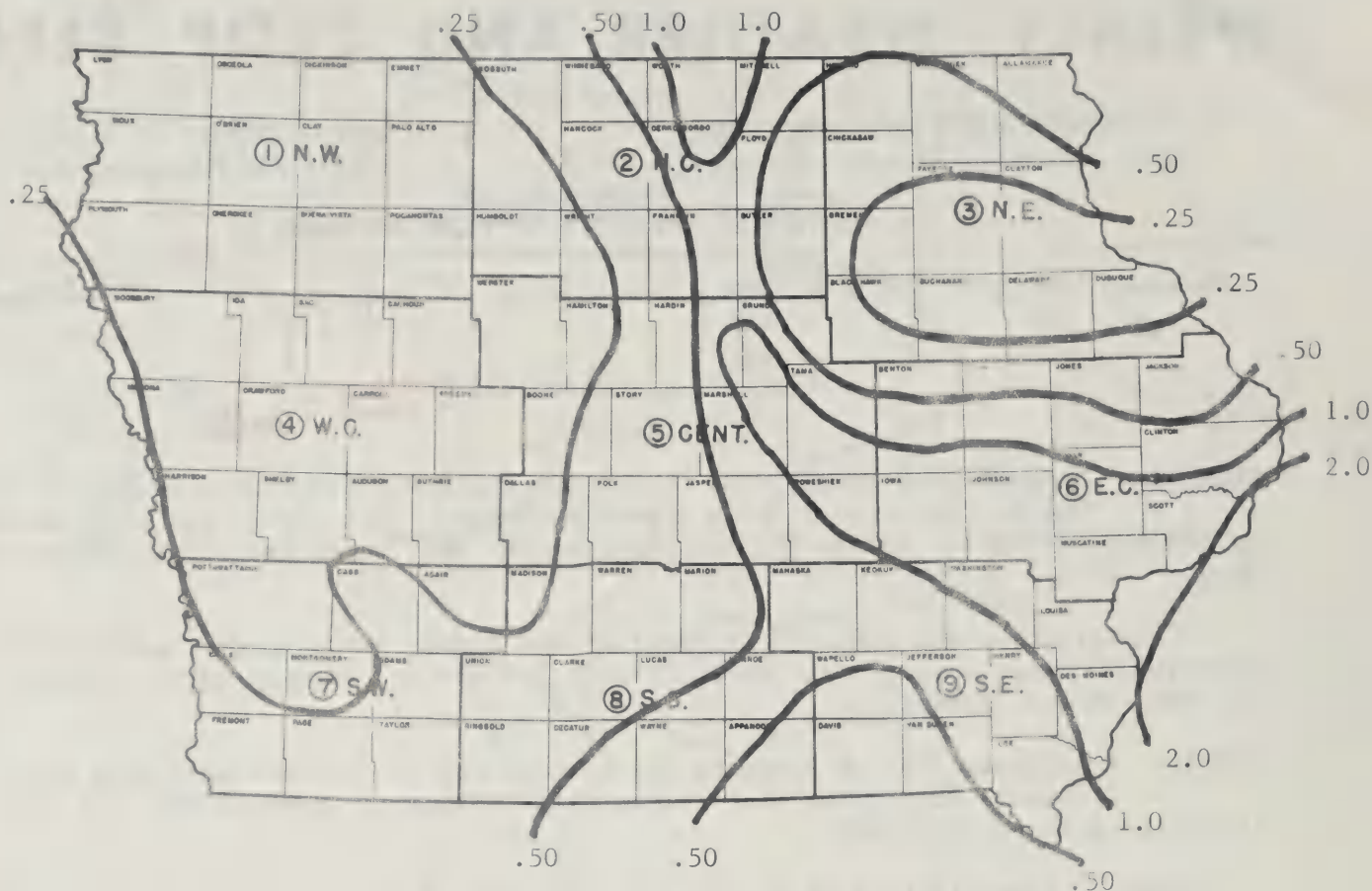
Iowa Growing Degree Data - Week Ending June 1, 1973

Location	Last Wk.	Dep.*	Since May 1	Dep.*	Location	Last Wk.	Dep.*	Since May 1	Dep.*
Rock Rapids	72	-30	350	-29	Ames	71	-35	340	-61
Storm Lake	63	-34	277	-80	Cedar Rapids	78	-31	341	-67
Mason City	80	-15	308	-48	Clarinda	90	-28	418	-32
Fayette	71	-26	299	-62	Corydon	85	-28	383	-52
Denison	83	-23	368	-27	Fairfield	79	-39	347	-96

* Departures computed form 1941-70 normals.

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

(OVER)



WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	65	+1	0	0	0.2	-0.8	+0.4	-1.0
2-NC	66	+2	0	-1	0.6	-0.4	+0.8	0.0
3-NE	64	0	-1	-2	0.3	-0.7	+0.2	-0.4
4-WC	66	0	0	0	0.2	-0.9	-0.1	-0.6
5-CENT	66	+1	0	0	0.6	-0.5	+1.2	+0.5
6-EC	65	-1	-2	-2	0.9	-0.1	+1.6	+0.8
7-SW	65	-2	-1	-1	0.3	-0.7	+0.2	-0.3
8-SC	65	-1	-1	-1	0.4	-0.7	+1.5	+0.5
9-SE	65	-2	-2	-2	0.7	-0.3	+3.0	+1.7

*Departures are computed from 1931-60 normals.

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73-10

Released Monday at 3:00 p.m., CDT, June 11, 1973

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Des Moines, Iowa

Week Ending June 11, 1973

JUN 18 1973

WEATHER: Temperatures averaged 3 to 8 degrees above normal. Precipitation was below normal. Showers and thunderstorms on 4th and 5th were followed by sunny and hot conditions which produced temperatures into the 90's Friday, Saturday and Sunday. Ninety-seven degrees at Mason City on the 9th equaled their record high for the date.

Precipitation averaged less than one quarter of an inch in northwest and south while over 2 inches was recorded in spotty areas in west central and central districts.

A tornado touched down at Newton on Monday, the 4th, causing considerable property damage.

CROPS:

Corn: Corn planting is nearing completion. Statewide, 95 percent of the corn acreage has been planted. Last year and normally, planting is virtually completed by this date. Corn planting is complete in the northwest and north central districts but is still lagging behind in the east central, south central, and south-east districts with reported completions of 90 percent or less. Over 70 percent of the corn plantings have emerged. Reports indicated the stand of corn is 92 percent of normal and condition is mostly good to fair. Weed control in corn fields is mostly good to fair.

Soybeans: Seventy-five percent of the soybean acreage has been planted, compared with 95 percent completed by this date for 1972 and the 5-year average. Planting is most advanced in the northwest where it is nearing completion and ranges to less than 35 percent complete in the southeast district. Over 40 percent of soybean plantings have emerged compared with over 80 percent for 1972. Conditions of the growing crop is mostly good to fair. Weed control in soybean fields is mostly good to fair.

Other Crops: Over 5 percent of the oat fields are headed. Condition of oats are mostly good, but ranges from fair to excellent. First cutting alfalfa hay 15 percent complete, last year 33 percent with a 5-year average of 29 percent. Condition of hay crops and pastures are mostly good to excellent. Four and one-half days were suitable for fieldwork the week ending June 9, 1973.

Soil Moisture: Topsoil moisture reports as of Friday indicated 31 percent surplus, 67 percent adequate, and 2 percent short.

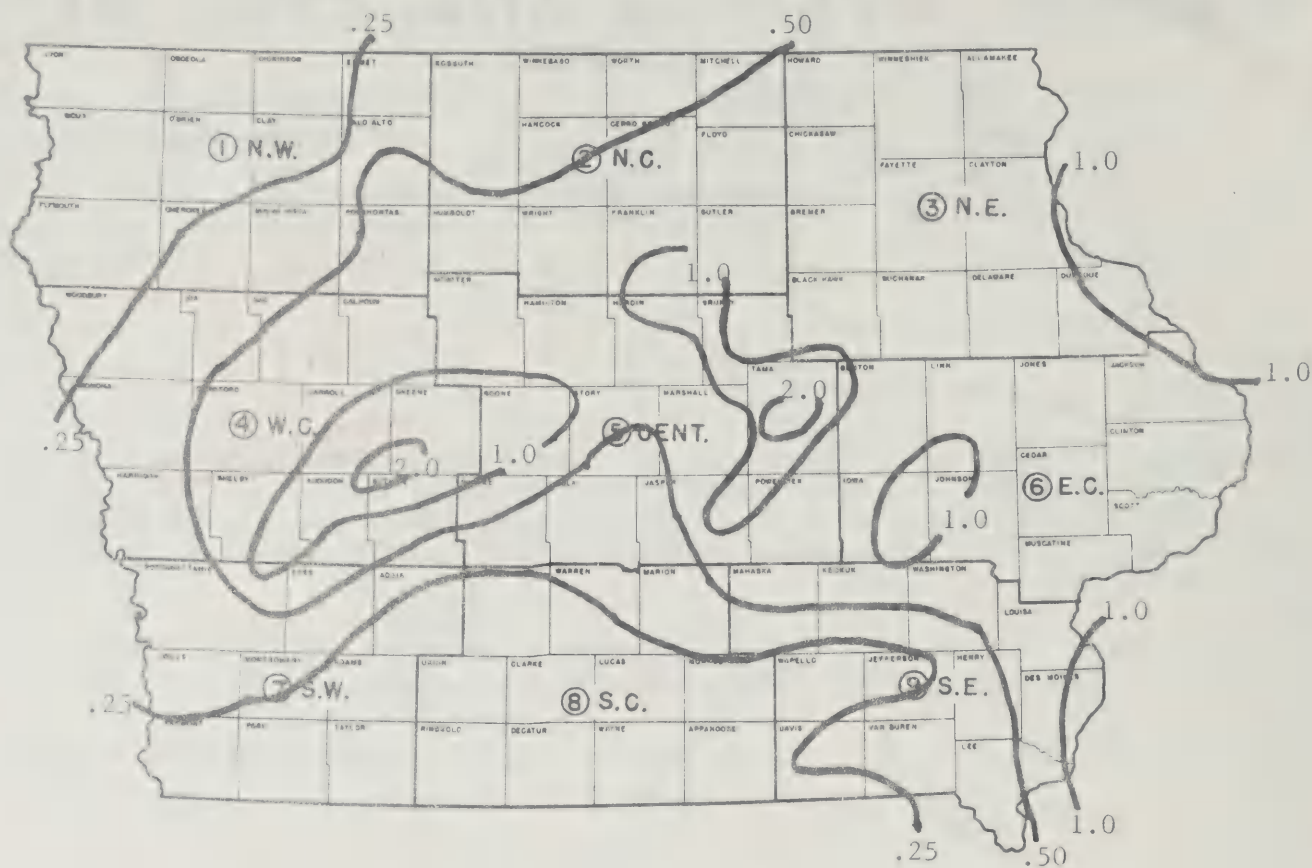
Iowa Growing Degree Data - Week Ending June 8, 1973

<u>Location</u>	<u>Last Wk.</u>	<u>Dep.*</u>	<u>Since May 1</u>	<u>Dep.*</u>	<u>Location</u>	<u>Last Wk.</u>	<u>Dep.*</u>	<u>Since May 1</u>	<u>Dep.*</u>
Rock Rapids	132	+17	482	-12	Ames	132	+13	472	-48
Storm Lake	123	+12	400	-68	Cedar Rapids	145	+21	486	-46
Mason City	149	+36	457	-12	Clarinda	150	+18	568	-14
Fayette	136	+23	435	-39	Corydon	135	+ 6	518	-46
Denison	139	+22	507	- 5	Fairfield	147	+12	494	-84

* Departures computed from 1941-70 normals.

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

(OVER)



WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	72	+5	+3	+1	0.3	-0.8	-1.6	-1.3
2-NC	74	+8	+5	+2	0.6	-0.6	-1.0	-0.7
3-NE	73	+7	+4	+1	0.7	-0.5	-1.2	-1.1
4-WC	73	+5	+3	+1	0.8	-0.3	-1.2	-1.3
5-CENT	74	+6	+4	+2	0.8	-0.3	-0.8	-0.1
6-EC	73	+5	+2	0	0.8	-0.3	-0.4	+0.4
7-SW	74	+5	-2	+1	0.3	-0.9	-1.6	-1.6
8-SC	74	+6	+3	+1	0.2	-0.9	-1.6	-0.3
9-SE	73	+3	+1	-1	0.5	-0.6	-0.9	+1.5

*Departures are computed from 1931-60 normals.

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73-21

Released Monday at 3:00 p.m., CDT, August 27, 1973

Des Moines, Iowa

Week Ending August 27, 1973

WEATHER: Iowa's weather varied considerably during the week. and warm weather on Monday gave way to cloudiness, cool temperatures and thundershowers during mid week followed by a sunny, hot and humid weekend. Temperatures averaged near seasonal normals while precipitation ranged below normal in the southwest, to far above normal in central and northwest. Heavy thundershowers Wednesday night left 9.61 inches at Peterson with many other points reporting in excess of 5 inches. Local flooding resulted on small streams.

CROPS: Crop conditions continued mostly good to excellent with 6 percent of reports indicating poor or fair. Hail damage was reported to row crops in Clay county as a result of the severe rainstorm there Wednesday. Five days were suitable for fieldwork for the week ending August 24. Spotted rains were of some relief in topsoil moisture conditions. Several localities received too much rain. The week ended with reports showing soil moisture supplies as 12 percent short, 75 percent adequate, and 13 percent good.

Corn: Statewide, the corn crop condition was reported as 2 percent poor, 4 percent fair, 58 percent good, and 36 percent excellent. The reports of poor are mostly from the northwest area due to the rainstorm. The western third of the State and south central area report the most advanced corn crop conditions.

Soybeans: Iowa's soybean crop condition was reported as 1 percent poor, 5 percent fair, 63 percent good, and 31 percent excellent. The soybean crop is most advanced in the south central and western third of the State.

Other Crops: Alfalfa hay condition was reported as 1 percent poor, 11 percent fair, 52 percent good, 36 percent excellent. The clover hay condition reports indicated 9 percent fair, 55 percent good, and 36 percent excellent. Iowa's pasture condition was 4 percent poor, 19 percent fair, 45 percent good, and 32 percent excellent.

Iowa Weekly Crop Statistics

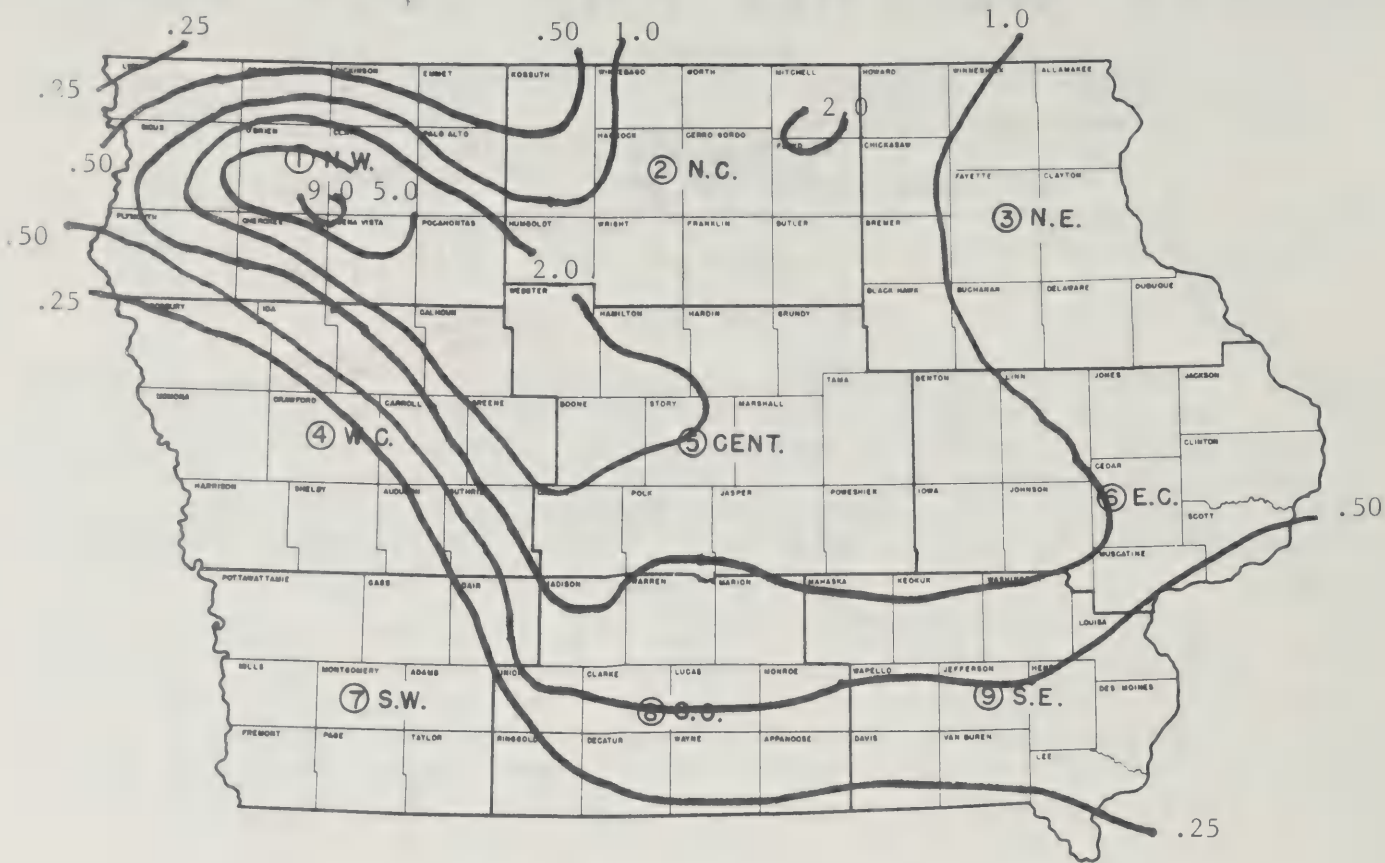
Stage of Crop Progress and/or Development	August 20, 1973	August 27, 1973	5-year Ave.
Percent of corn in or past dough stage	67	71	80 ^{1/}
Percent of corn in or past dent stage	17	31	43
Percent of soybeans setting pods or more advanced	82	86	89
Percent of soybeans with leaves turning or more advanced	5	8	11 ^{2/}
Percent of third cutting alfalfa harvested	28	35	39 ^{2/}
Percent of second cutting clover harvested	61	68	79
1/ Three year average.	2/ Four year average.		

Iowa Growing Degree Data - Week Ending August 24, 1973

Location	Last Wk.	Dep.*	Since May 1	Dep.*	Location	Last Wk.	Dep.*	Since May 1	Dep.*
Rock Rapids	151	+ 9	2123	+ 11	Ames	162	+20	2141	- 39
Storm Lake	151	+14	2005	- 45	Cedar Rapids	153	+ 8	2266	+ 58
Mason City	150	+17	2142	+121	Clarinda	172	+20	2380	+ 35
Fayette	135	+ 1	2022	+ 3	Corydon	172	+19	2310	- 14
Denison	160	+16	2208	+ 41	Fairfield	162	+ 9	2317	- 34

* Departures computed from 1941-70 normals.

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)



WEEKLY WEATHER BY DISTRICTS

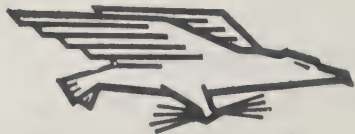
District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	72	+1	+2	0	2.0	+1.2	+1.0	-0.2
2-NC	71	+1	+1	0	1.5	+0.7	+0.1	-1.1
3-NE	70	0	+1	-1	0.9	+0.1	0.0	-0.2
4-WC	74	+2	+3	+1	0.5	-0.2	-0.4	-1.4
5-CENT	73	+2	+2	0	1.8	+0.1	+0.7	-0.6
6-EC	72	0	0	-1	1.0	+0.2	-0.4	-1.5
7-SW	76	+3	+2	0	T	-0.9	-1.5	-1.6
8-SC	75	+2	+2	0	0.4	-0.4	-1.1	-0.7
9-SE	73	0	0	-1	0.5	-0.3	-0.7	-1.0

*Departures are computed from 1931-60 normals.

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IOWA DEPARTMENT OF AGRICULTURE

73-22

Released Tuesday at 3:00 p.m., CDT September 4, 1973

Des Moines, Iowa

Week Ending September 4, 1973

WEATHER: Nights into the 70's and days into the 90's gave temperatures averaging about 10 degrees above normal for the warmest week of the summer. There were scattered light showers with thunderstorms over the western and northern sections the last few days of August but a band of heavier thundershowers pushed eastward across the State on the weekend.

CROPS: The condition of Iowa's crops this week ranged from very poor to excellent. However, 90 percent of condition reports were either good or excellent. There were nearly seven days suitable for fieldwork for the week ending Friday, August 31. The week ended with reports showing topsoil moisture supplies as 30 percent short, 69 percent adequate, 1 percent surplus. This week's subsoil moisture supplies were 12 percent short, 84 percent adequate, and 4 percent surplus. Widespread rains on Saturday and Sunday alleviated short moisture conditions in many areas.

Soybeans: Across the state this week soybean crop condition was 1 percent very poor, 9 percent fair, 58 percent good, and 28 percent excellent. The one very poor report was due to high temperatures and wind August 26, 27, and 28 in Buena Vista county. The soybean crop is most advanced in the northwest and northeast areas of the state and least advanced in the southwest and southeast.

Corn: Iowa's corn crop condition reports indicated 1 percent very poor, 8 percent fair, 54 percent good, and 37 percent excellent. The very poor report on corn condition was due to high temperatures and wind on August 26, 27, and 28 in Buena Vista county. The corn crop is most advanced in the western third of the state and least advanced in the eastern third.

Other Crops: Alfalfa hay condition was 1 percent very poor, 2 percent poor, 11 percent fair, 59 percent good, and 27 percent excellent. Clover hay condition was reported as 1 percent very poor, 1 percent poor, 11 percent fair, 59 percent good and 28 percent excellent. Statewide, the pasture condition reports indicated 2 percent very poor, 5 percent poor, 23 percent fair, 49 percent good, and 21 percent excellent.

Iowa Weekly Crop Statistics

Stage of Crop Progress and/or Development	August 27, 1973	September 4, 1973	5-year Ave.
Percent of Corn in or past dough stage	71	85	91 ^{1/}
Percent of Corn in or past dent stage	31	52	71
Percent of Soybeans setting pods or more advanced	86	91	95
Percent of Soybeans with leaves turning or more advanced	8	20	28
Percent of third cutting Alfalfa harvested	35	58	45 ^{2/}
Percent of second cutting Clover harvested	68	73	86
^{1/} Three year average. ^{2/} Four year average.			

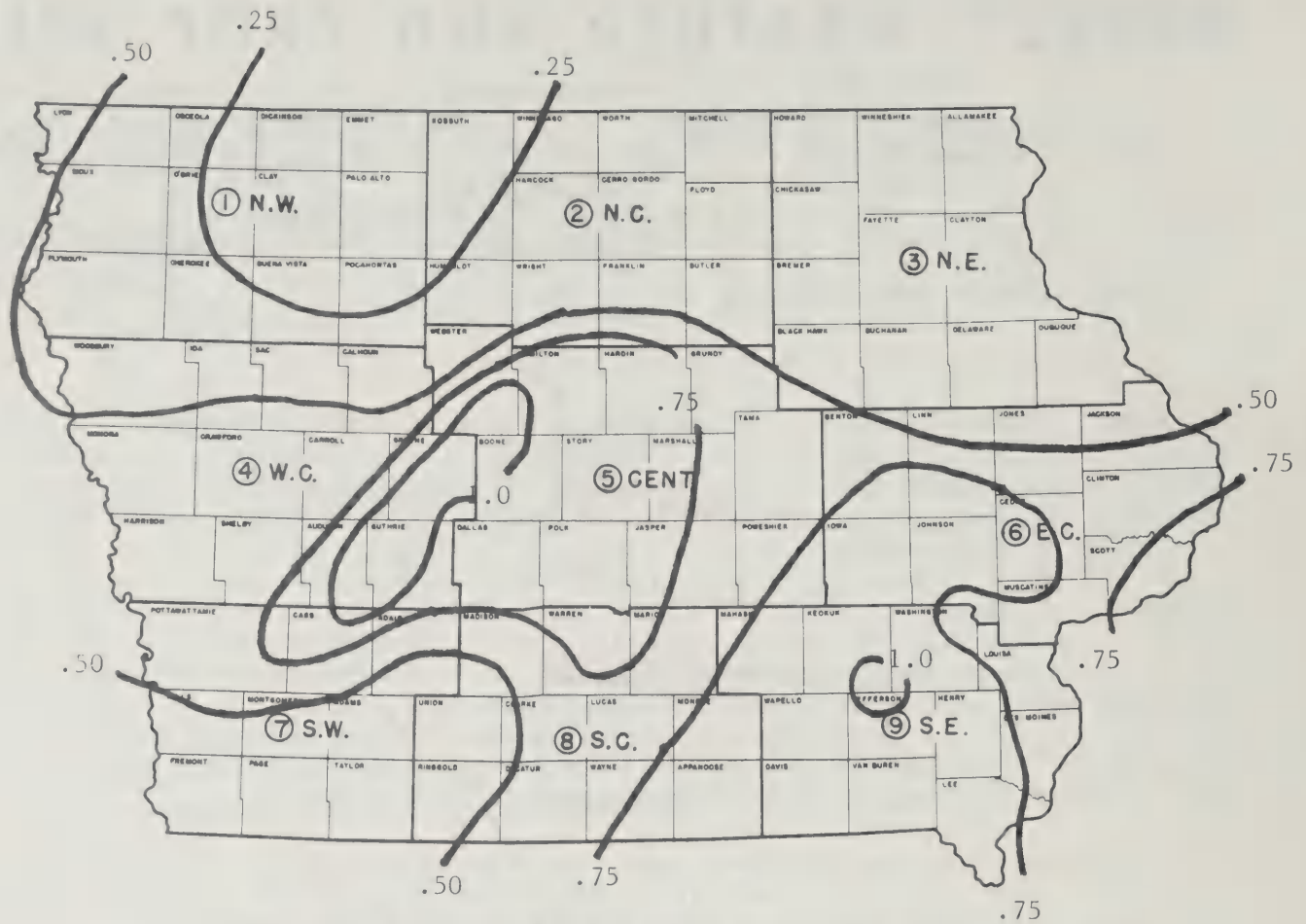
Iowa Growing Degree Data - Week Ending August 31, 1973

Location	Last Wk.	Dep.*	Since May 1	Dep.*	Location	Last Wk.	Dep.*	Since May 1	Dep.*
Rock Rapids	175	+37	2298	+ 48	Ames	173	+31	2314	- 8
Storm Lake	170	+36	2175	- 9	Cedar Rapids	193	+48	2459	+106
Mason City	188	+55	2330	+176	Clarinda	181	+30	2561	+ 65
Fayette	185	+52	2207	+ 55	Corydon	184	+32	2494	+ 18
Denison	184	+42	2392	+ 83	Fairfield	193	+41	2510	+ 7

* Departures computed from 1941-70 normals.

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

PRECIPITATION FOR WEEK ENDING 6:00 A.M., CDT, SEPTEMBER 4, 1973



WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	78	+ 9	+5	+3	0.2	-0.6	+0.6	-0.1
2-NC	79	+11	+6	+4	0.3	-0.5	+0.2	-0.9
3-NE	80	+12	+6	+3	0.3	-0.5	-0.4	-0.2
4-WC	80	+10	+6	+4	0.6	-0.2	-0.4	-0.8
5-CENT	80	+10	+6	+4	0.7	-0.2	+0.8	+0.1
6-EC	81	+11	+6	+3	0.8	0.0	+0.2	-0.8
7-SW	79	+ 8	+6	+3	0.5	-0.5	-1.4	-1.1
8-SC	80	+ 9	+6	+4	0.7	-0.2	-0.6	0.0
9-SE	80	+ 9	+5	+3	0.8	-0.1	-0.4	-0.3

*Departures are computed from 1931-60 normals.

UNITED STATES DEPARTMENT OF AGRICULTURE
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IMMEDIATE - U. S. WEATHER AND CROP REPORT.
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73-22

121

Released Monday at 3:00 p.m., CDT, September 10, 1973

Des Moines, Iowa

Week Ending September 10, 1973

WEATHER: Temperatures were near seasonal to cool with moderate to locally heavy showers. Coolest readings were reported the 6th with minima to 39 degrees at Sibley. Forties were reported to southernmost counties where Red Oak and Chariton recorded 48°. Most of the weeks rain fell during the latter half week with amounts upward to 3.17 inches at Dumont. The past week was noticeably cooler than the previous week, averaging 9 to 14 degrees cooler.

CROPS: Statewide, the row crop condition was fair to excellent with over 91 percent of reports either good or excellent. Iowa's hay crops condition ranged from poor to excellent with over 86 percent of the reports recording good or excellent. Nearly six days were suitable for fieldwork for the week ending Friday, September 7. The week's topsoil moisture reports indicated supplies as 22 percent short, 75 percent adequate, and 3 percent surplus.

Corn: Across the state the corn crop condition was 5 percent fair, 58 percent good, and 37 percent excellent. The corn crop is most advanced in the northwest and southwest areas of the State and least advanced in the central and east central areas.

Soybeans: Iowa's soybean crop condition was reported as 9 percent fair, 58 percent good, and 33 percent excellent. The soybean crop is most advanced in the northwest and west central areas of the State and least advanced in the central and southeastern areas.

Other Crops: Planting of winter wheat in Iowa was 16 percent complete. Alfalfa hay condition reports indicated 1 percent poor, 11 percent fair, 56 percent good, 32 percent excellent. The condition of clover hay this week was 1 percent poor, 13 percent fair, 53 percent good and 33 percent excellent. Statewide, the pasture condition was 1 percent very poor, 3 percent poor, 18 percent fair, 51 percent good and 27 percent excellent.

Iowa Weekly Crop Summary

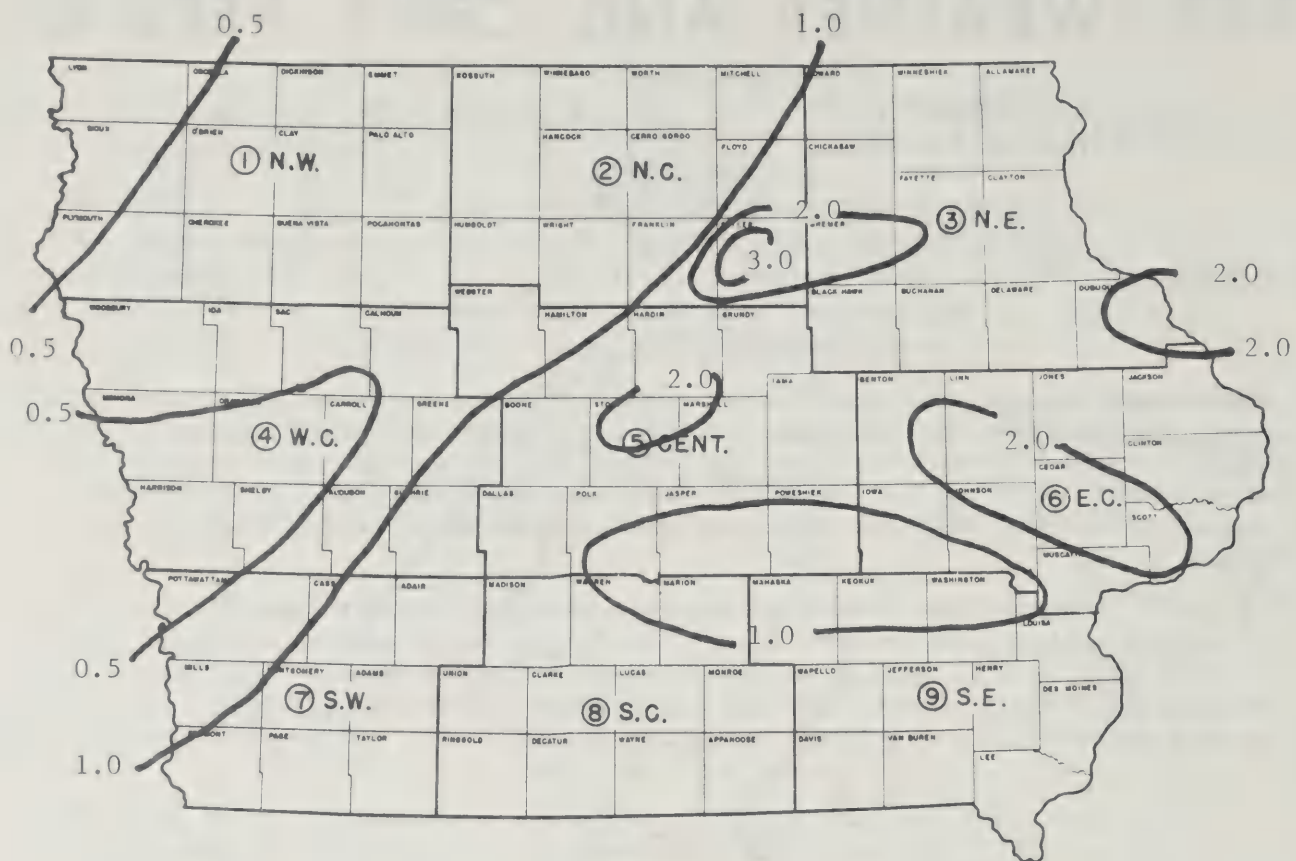
Stage of Crop	September 4, 1973	September 10, 1973	5-year Ave.
Progress and/or Development			
Percent of corn in or past dough stage	85	91	91+ ¹ / ₂
Percent of corn in or past dent stage	52	67	82
Percent corn mature (safe from frost)	--	28	38
Percent of soybeans setting pods or more advanced	91	94	95+ ¹ / ₂
Percent of soybeans with leaves turning or more advanced	20	36	47
Percent of soybeans shedding leaves or more advanced	--	10	17
Percent third cutting alfalfa harvested	58	67	69 ² / ₃
Percent second cutting clover harvested	73	80	86+ ¹ / ₂

¹/₂ Previous week's average carried forward - later data not available. ²/₃ Four year average. -- Data not available.

Iowa Growing Degree Data - Week Ending September 7, 1973

Location	Last Wk.	Dep.*	Since May 1	Dep.*	Location	Last Wk.	Dep.*	Since May 1	Dep.*
Rock Rapids	137	+14	2435	+ 62	Ames	141	+13	2455	+ 5
Storm Lake	133	+14	2308	+ 5	Cedar Rapids	153	+22	2612	+128
Mason City	138	+19	2468	+195	Clarinda	146	+ 8	2707	+ 73
Fayette	138	+19	2345	+ 74	Corydon	150	+11	2644	+ 29
Denison	134	+ 6	2526	+ 89	Fairfield	156	+17	2666	+ 24

* Departures computed from 1941-70 normals.
(Crop and field developments are estimates through Monday based on reports of correspondents through Sautrday and weekly trends in similar seasons.)



WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	64	-3	+3	+2	0.9	+0.2	-0.4	+0.6
2-NC	65	-1	+5	+3	0.9	+0.1	-0.4	-0.3
3-NE	66	0	+6	+3	1.4	+0.6	+0.1	+0.1
4-WC	67	-1	+5	+4	0.6	-0.1	-0.3	-0.7
5-CENT	67	-1	+5	+3	1.3	+0.6	+0.4	+1.1
6-EC	67	-1	+5	+3	1.3	+0.5	+0.5	+0.1
7-SW	70	+1	+5	+3	1.1	+0.3	-0.2	-1.7
8-SC	70	+1	+5	+4	1.1	+0.2	0.0	-1.1
9-SE	69	0	+5	+2	1.2	+0.4	+0.3	-0.4

*Departures are computed from 1931-60 normals.

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IOWA DEPARTMENT OF AGRICULTURE

73-24

Released Monday at 3:00 p.m., CDT, September 17, 1973

Des Moines, Iowa

Week Ending September 17, 1973

WEATHER: This past week has been cloudy and cool with several periods of precipitation. Temperatures averaged 6 to 8 degrees below normal. Low temperatures include 40 degree readings at Mason City and Fayette on the 12th and 40 degrees at Spencer on both the 16th and 17th. The highest temperatures for the week occurred in northwest Iowa on the 10th with Sioux City reporting the days highest of 86 degrees. Rainfall exceeded normal amounts with rainfall occurring Wednesday and Thursday and again Saturday and Sunday. Rainfall was much above normal in the south central and southeast sections and included around 5 inches in the Bloomfield vicinity.

CROPS: Iowa's row crop condition ranged from fair to excellent with 6 to 9 percent fair and 91 to 94 percent either good or excellent. The corn crop was least advanced in the central, south central and southeast areas of the State and uniformly more advanced in the rest of the State. Comparatively the soybean crop was most advanced in northwestern and west central Iowa and uniformly less advanced in the remainder of the State. Four days were suitable for fieldwork for the week ending Friday, September 14. The week ended showing topsoil moisture improved over the previous week at 7 percent short, 77 percent adequate, and 16 percent surplus.

Corn: Iowa's corn crop condition was recorded as 6 percent fair, 59 percent good, and 35 percent excellent. Corn in or past dent stage was reported at 88 percent. The percent of corn mature at 51 compares with a five year average of 63 percent.

Soybeans: The State's soybean crop condition was reported as 9 percent fair, 58 percent good and 33 percent excellent. Leaves have started to turn yellow in 60 percent of soybean fields. The soybean leaves have begun to shed in 28 percent of the fields compared to the five year average 45 percent. Soybeans have matured and are safe from frost in 18 percent of Iowa's bean fields with a five year average of 35 percent.

Other Crops: Across the State the reports on pasture condition indicated an improvement over the previous week at 1 percent poor, 14 percent fair, 53 percent good and 32 percent excellent. The week ended with 75 percent of third cutting alfalfa harvested. Iowa's second clover hay crop harvesting was nearly complete at 89 percent.

IOWA WEEKLY CROP SUMMARY

Stage of Crop			
Progress and/or Development	September 10, 1973	September 17, 1973	5 Year Ave.
Percent corn mature (safe from frost)	28	51	63
Percent soybeans with leaves shedding or more advanced . . .	10	28	45
Percent soybeans mature (safe from frost)	--	18	35

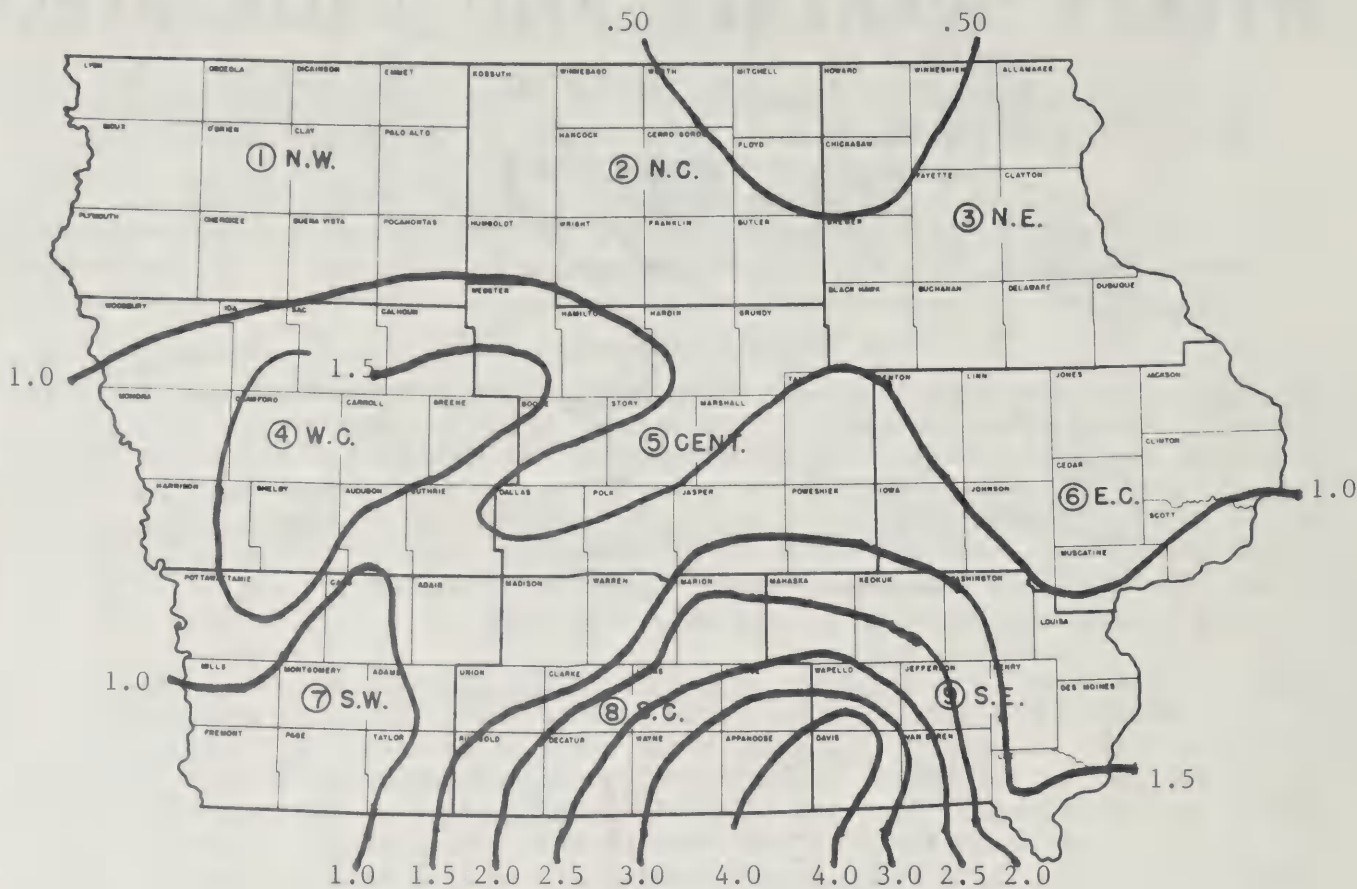
Iowa Growing Degree Data - Week Ending September 14, 1973

Location	Last Wk.	Dep.*	Since May 1	Dep.*	Location	Last Wk.	Dep.*	Since May 1	Dep.*
Rock Rapids	90	-12	2525	+ 50	Ames	77	-30	2532	- 25
Storm Lake	86	-13	2394	- 8	Cedar Rapids	97	-14	2709	+114
Mason City	89	-10	2557	+185	Clarinda	115	- 4	2822	+ 69
Fayette	88	-11	2433	+ 63	Corydon	99	-23	2743	+ 6
Denison	95	-22	2611	+ 67	Fairfield	94	-27	2760	- 3

* Departures computed from 1941-70 normals.

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

(OVER)



WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	56	-8	-6	0	0.8	+0.2	+0.4	+1.0
2-NC	56	-8	-5	+1	0.8	+0.1	+0.2	+0.4
3-NE	58	-6	-3	+2	0.7	0.0	+0.6	+0.2
4-WC	59	-7	-4	+1	1.4	+0.8	+0.7	+0.3
5-CENT	58	-8	-5	+1	1.0	+0.3	+0.9	+1.7
6-EC	59	-7	-4	+1	0.9	+0.1	+0.6	+0.8
7-SW	60	-7	-3	+1	1.1	+0.3	+0.6	-0.8
8-SC	61	-6	-3	+2	2.1	+1.3	+1.5	+0.9
9-SE	61	-6	-3	+1	2.1	+1.4	+1.8	+1.4

*Departures are computed from 1931-60 normals.

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IOWA DEPARTMENT OF AGRICULTURE

73-24

Released Monday at 3:00 p.m., CDT, September 24, 1973

Des Moines, Iowa

Week Ending September 24, 1973

WEATHER: Cool week with showers mostly over the eastern half State falling the 21st. The coolest morning was the 18th with 30 degrees F. at Elkader and 31 degrees at Sibley, Clarion, Fayette, Atlantic and Oakland. Several localities reported light frost. The warmest day was the 21st with 87 degrees at Des Moines and Council Bluffs.

CROPS: Iowa's row crops are most advanced in the northwest and northcentral areas of the state and least advanced in the central and southeastern areas. Nearly four days were suitable for fieldwork for the week ending Friday, September 21. Topsoil moisture reports for the week indicated 3 percent short, 73 percent adequate, and 24 percent surplus. Third crop alfalfa hay harvesting was nearly complete at 85 percent.

CORN: The percent of Iowa's corn that is mature and safe from frost was reported at 72 compared with the five-year average of 82 percent. Harvesting of seed corn and corn for silage was underway when weather permitted.

SOYBEANS: Leaves have begun to shed in 59 percent of Iowa's bean fields compared with a five-year average of 68 percent. Harvest of soybeans began in northwest Iowa during the week.

IOWA WEEKLY CROP SUMMARY

Stage of Crop Progress and/or Development as of September 24, 1973	Crop Reporting District									State
	1	2	3	4	5	6	7	8	9	
Percent corn mature (safe from frost)	84	85	71	80	64	58	74	65	46	72
Percent soybeans mature (safe from frost)	76	73	45	56	37	44	47	49	25	51

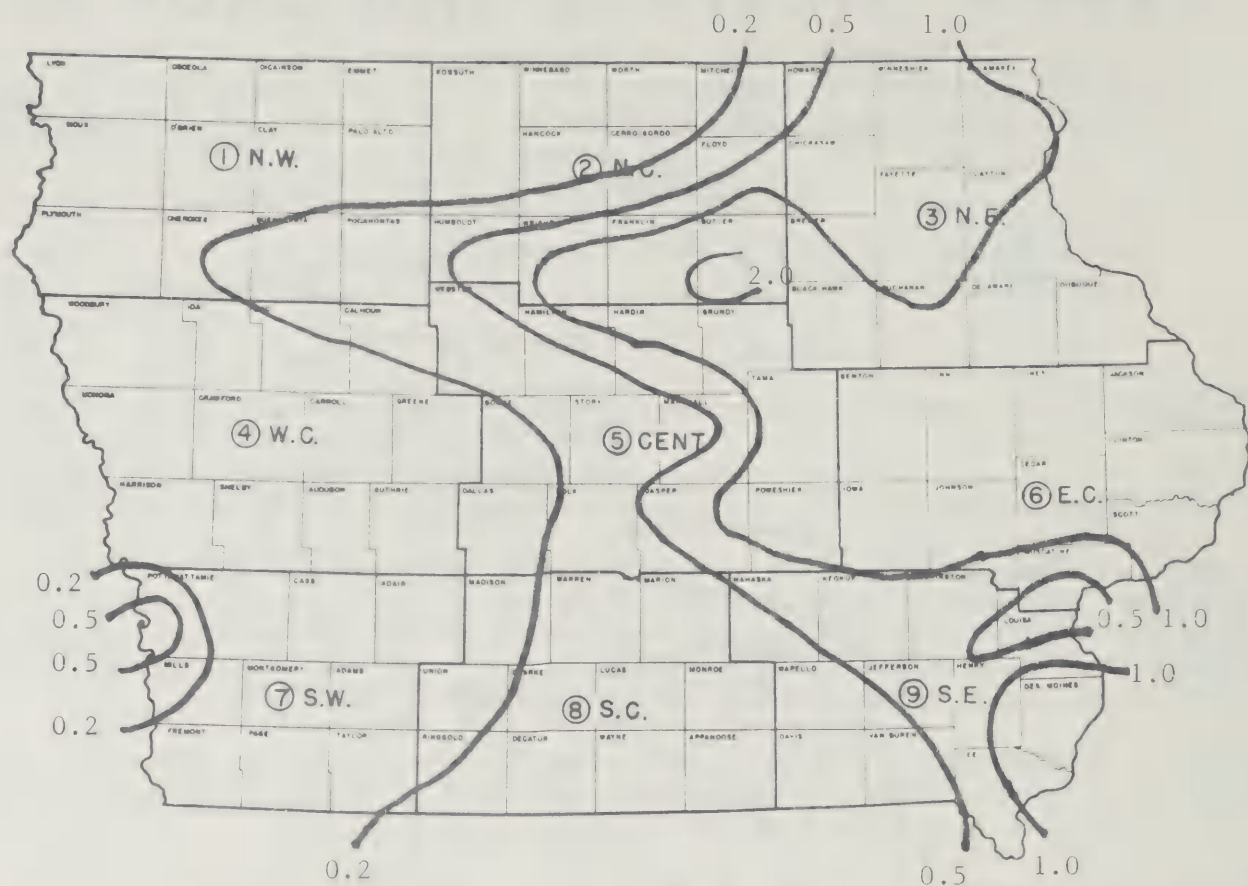
Iowa Growing Degree Data - Week Ending September 21, 1973

Location	Last Wk.	Dep.*	Since May 1	Dep.*	Location	Last Wk.	Dep.*	Since May 1	Dep.*
Rock Rapids	49	-38	2574	+12	Ames	53	-46	2585	-71
Storm Lake	46	-40	2440	-48	Cedar Rapids	57	-42	2766	+72
Mason City	38	-47	2595	+138	Clarinda	72	-35	2894	+34
Fayette	34	-53	2467	+10	Corydon	67	-42	2810	-36
Denison	59	-34	2670	+33	Fairfield	63	-47	2823	-50

* Departures computed from 1941 - 70 normals

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

(OVER)



WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	56	-6	-7	-2	0.1	-0.5	-0.3	-0.7
2-NC	56	-5	-7	-1	0.5	-0.2	-0.1	-0.5
3-NE	56	-5	-6	0	0.9	+0.2	+0.2	+0.3
4-WC	58	-6	-7	-1	0.1	-0.5	+0.3	0.0
5-CENT	59	-5	-7	-1	0.5	-0.2	+0.1	+0.5
6-EC	58	-6	-7	-1	1.6	+0.9	+1.0	+1.5
7-SW	60	-4	-6	-1	0.1	-0.6	-0.3	-0.5
8-SC	62	-3	-5	0	0.3	-0.4	+0.9	+0.9
9-SE	61	-4	-5	0	0.5	-0.2	+1.2	+1.5

*Departures are computed from 1931-60 normals.

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73-26

Released Monday at 3:00 p.m., CDT, October 1, 1973

Des Moines, Iowa

Week Ending October 1, 1973

WEATHER: Cloudy skies and frequent showers and thunderstorms dominated the weeks weather. Temperatures averaged 2-7 degrees above normal, as cloudiness kept night time temperatures far above normal. Precipitation was above normal in all areas with over 6 inches in west central. Considerable lowland flooding resulted in central and west central districts.

CROPS: A generally wet week in Iowa slowed harvesting of row crops. Only two days were suitable for fieldwork during the week ending Friday, September 28. Motor fuel supply for current farm work was reported as 12 percent short and 88 percent adequate. Wet weather last week left topsoil moisture supplies at 24 percent adequate and 76 percent surplus. Subsoil moisture reports indicated supplies as 2 percent short, 57 percent adequate, and 41 percent surplus.

Corn: Corn harvesting in Iowa was 6 percent complete with a five-year average of 8 percent. Most of this corn was harvested for seed and silage. Wet weather slowed the starting of harvesting of corn for grain. The corn crop was least advanced in east central and southeastern Iowa.

Soybeans: The leaves have begun to shed in 90 percent of Iowa's soybean fields. Soybean harvest stood at 4 percent compared to the five-year average 12 percent. The crop is least advanced in the southeast, east central and south central areas of the State.

Other Crops: Grain sorghum combining was underway with 6 percent harvested compared with the five-year average of 9 percent. Planting of Iowa's winter wheat slowed with 38 percent seeded compared with the five-year average of 58 percent.

IOWA WEEKLY CROP SUMMARY

Stage of Crop Progress and/or Development as of October 1, 1973	Crop Reporting District										5 Yr. Avg.
	1	2	3	4	5	6	7	8	9	State	
Percent corn mature (safe from frost)	95	92	89	94	89	80	90	89	82	90	92
Percent soybeans mature (safe from frost)	89	87	70	86	71	65	75	67	60	76	77

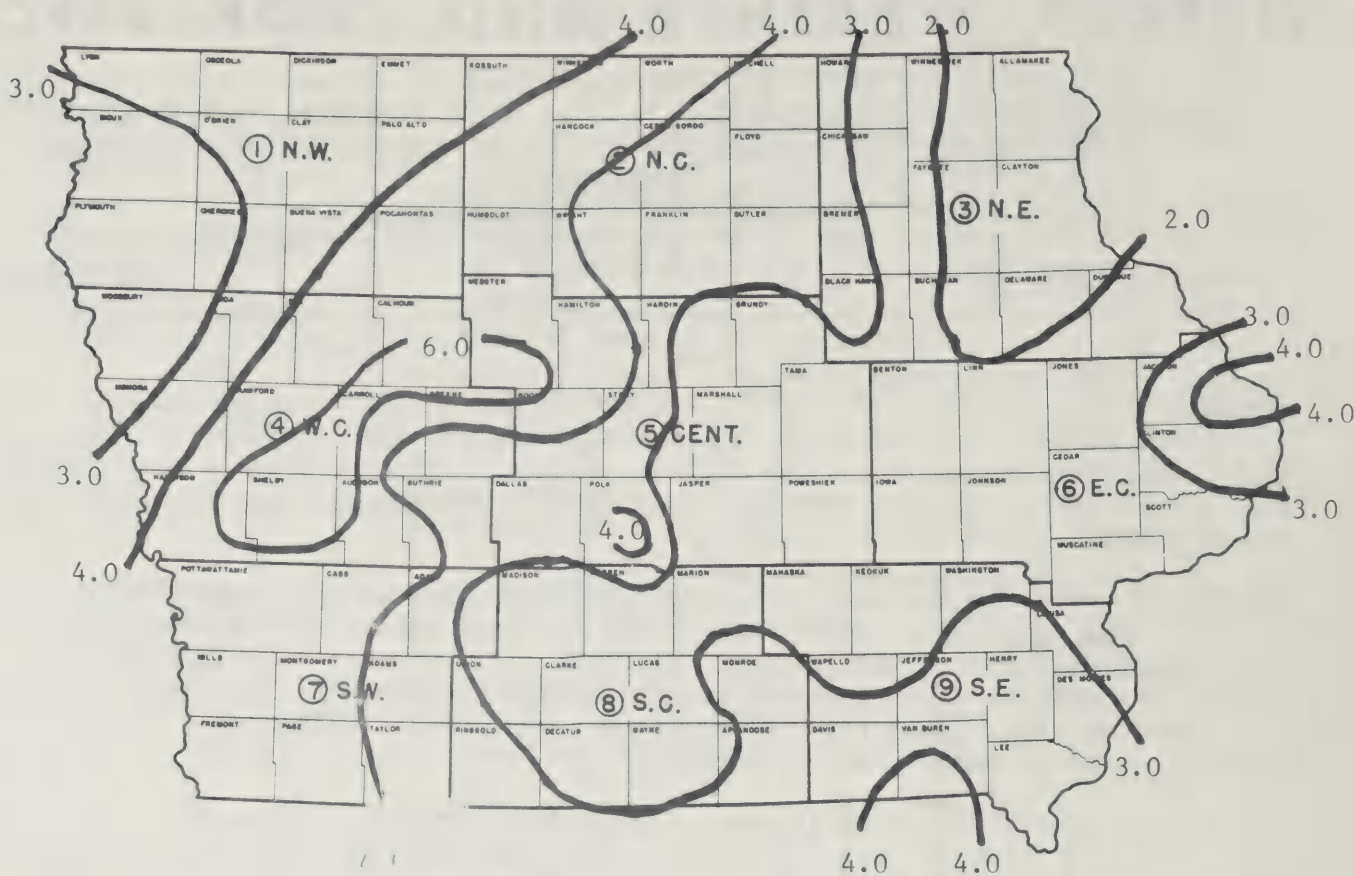
Iowa Growing Degree Data - Week Ending September 28, 1973

Location	Last Wk.	Dep.*	Since May 1	Dep.*	Location	Last Wk.	Dep.*	Since May 1	Dep.*
Rock Rapids	84	+10	2658	+22	Ames	101	+19	2686	-52
Storm Lake	96	+21	2536	-27	Cedar Rapids	120	+37	2886	+109
Mason City	107	+35	2702	+173	Clarinda	107	+14	3001	+48
Fayette	98	+25	2565	+35	Corydon	121	+29	2931	-7
Denison	91	+10	2761	+43	Fairfield	133	+40	2956	-10

*Departures computed from 1941 - 70 normals
(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

(OVER)

PRECIPITATION FOR WEEK ENDING 6:00 A.M., CDT, OCTOBER 1, 1973



WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	61	+2	-2	-4	3.4	+2.9	+2.4	+2.8
2-NC	63	+4	-1	-3	3.8	+3.2	+3.0	+3.2
3-NE	65	+6	+1	-1	2.0	+1.3	+1.5	+2.1
4-WC	63	+2	-2	-3	4.8	+4.2	+3.7	+4.4
5-CENT	65	+4	-1	-3	3.3	+2.7	+2.5	+3.4
6-EC	68	+7	+1	-2	2.8	+2.1	+3.0	+3.6
7-SW	64	+2	-1	-2	4.0	+3.4	+2.8	+3.4
8-SC	67	+4	+1	-1	2.8	+2.2	+1.8	+3.3
9-SE	70	+7	+2	-1	3.2	+2.5	+2.3	+4.1

*Departures are computed from 1931-60 normals.

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IOWA DEPARTMENT OF AGRICULTURE

73-27

Released Tuesday at 3:00 p.m., CDT, October 9, 1973

Des Moines, Iowa

Week Ending October 9, 1973

WEATHER: Temperatures averaged near to slightly above normal for the week.
Precipitation was near to slightly below normal in all except southeast and extreme northeast. Keokuk received 3.57 inches of rain in a 24 hour period on 4-5.

CROPS: Another wet week in Iowa has limited field operations. Slightly less than two days were favorable for field work during the week ending Friday, October 5, with many areas reporting no days favorable. Reports on top soil moisture supplies indicate 25 percent are adequate and 75 percent are surplus.

CORN: Corn maturity is now reported at 94 percent safe from frost. This compares with 95 percent last year and an average of 96 percent for this date. The northwest is the most advanced while the east central and southeast are the farthest behind. Wet weather and muddy fields are hampering harvest operations. About 8 percent of the crop is now harvested which compares to 10 percent in 1972 and 12 percent for the five year average. There were a few reports of wind damage where stalks were weakened by corn borer or stalk rot.

SOYBEANS: Maturity of soybeans has advanced to 90 percent safe from frost, slightly behind last year. Maturity is most advanced in the northwest and north central and the least advanced in the south central and southeast. Harvesting has progressed to 5 percent complete. This compares with 21 percent harvested last year and 37 percent average.

OTHER CROPS: Grain sorghum harvest is progressing slowly with only 7 percent out of the field. Last year there was 12 percent harvested and the five year average was 21 percent. About 45 percent of the winter wheat has been seeded. The percent planted last year was 68 and the five year average was 72. Popcorn harvesting has begun.

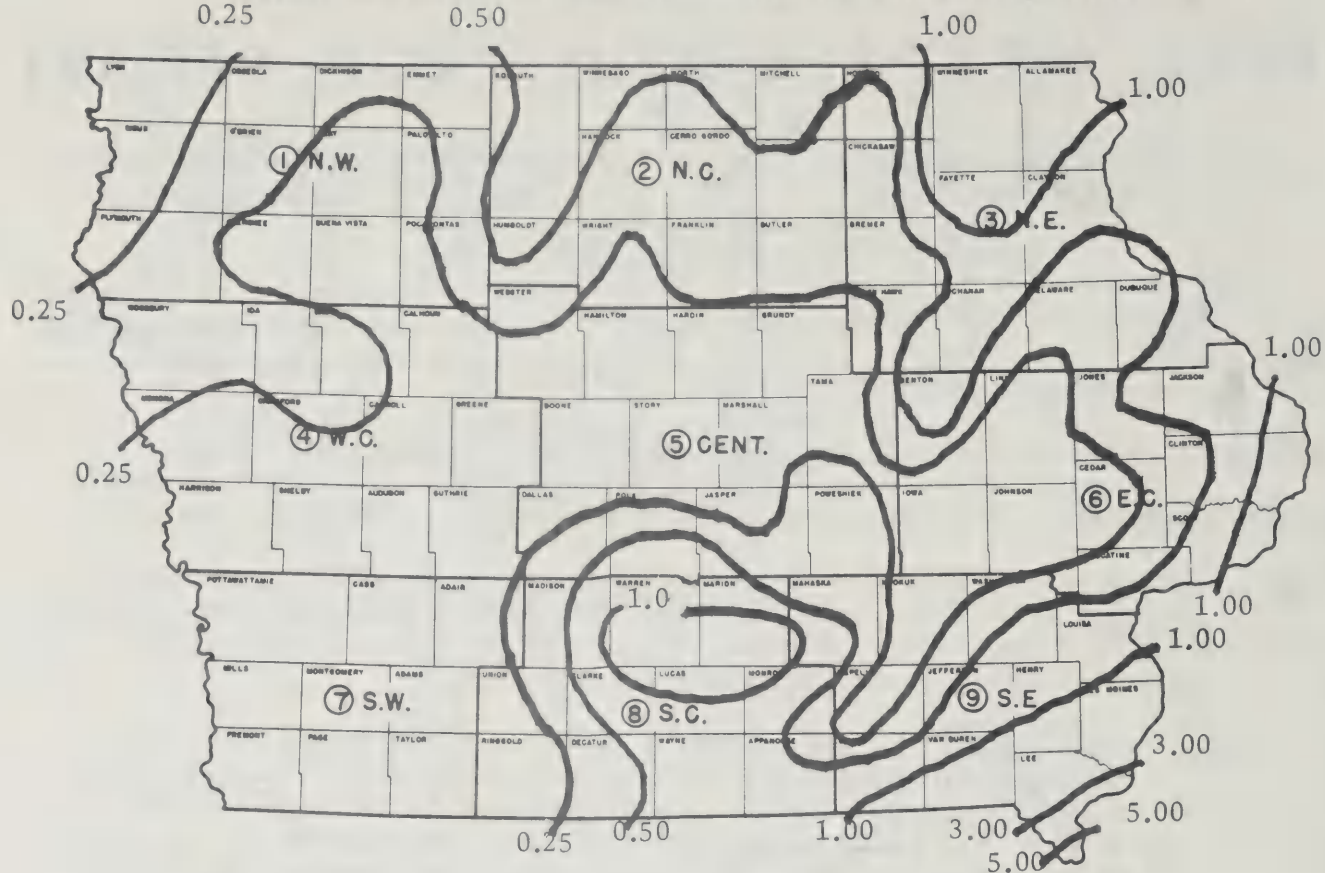
IOWA WEEKLY CROP SUMMARY

Stage of Crop Progress and/or Development as of October 9, 1973	<u>Crop Reporting District</u>										5 Yr. Avg.
	1	2	3	4	5	6	7	8	9	State	
Percent corn mature (safe from frost)	98	97	94	97	95	90	95	92	90	94	96
Percent soybeans mature (safe from frost)	95	95	89	93	89	86	89	84	84	90	NA

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

(OVER)

PRECIPITATION FOR WEEK ENDING 6:00 A.M., CDT, October 8, 1973



WEEKLY WEATHER BY DISTRICTS

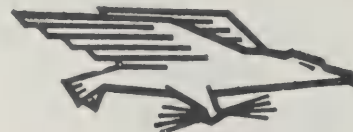
District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	58	+1	+2	-3	0.2	-0.2	+2.7	+2.4
2-NC	59	+2	+3	-2	0.5	0.0	+3.2	+3.1
3-NE	59	+2	+4	-1	1.0	+0.4	+1.7	+1.9
4-WC	59	0	+1	-3	0.1	-0.4	+3.8	+4.1
5-CENT	60	+1	+3	-2	0.2	-0.3	+2.4	+2.5
6-EC	61	+2	+5	-1	0.4	-0.2	+1.9	+2.9
7-SW	60	0	+1	-2	T	-0.6	+2.8	+2.5
8-SC	61	+1	+3	-1	0.7	+0.1	+2.3	+3.2
9-SE	62	+1	+4	-1	2.0	+1.4	+3.9	+5.1

*Departures are computed from 1931-60 normals.

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AGRICULTURAL STATISTICIAN
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210 WALNUT ST.
DES MOINES, IOWA 50309

OFFICIAL BUSINESS

IMMEDIATE - U. S. WEATHER AND CROP REPORT.
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WEEKLY WEATHER AND CROP REPORT

Prepared jointly by

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NOAA - National Weather Service Statistical Reporting Service

In cooperation with

121 IOWA DEPARTMENT OF AGRICULTURE 73-28

Released Monday at 3:00 p.m., CDT, October 15, 1973

Des Moines, Iowa

Week Ending October 15, 1973

WEATHER: Temperatures averaged 8 degrees above normal for the 3rd successive week with above normal temperatures. The 8th and 9th were quite warm followed by cooling on Thursday and Friday and warming again on a sunny dry weekend. Corning had the high temperatures of 92 degrees on the 8th. Sanborn, Sheldon and Castana shared the lowest of 35 degrees on the 12th. Monday through Thursday were cloudy. Showers with locally heavy thunderstorms occurred in various parts of the State from Tuesday through Thursday night. More than 3 inches of rainfall from southwestern counties to north central counties on Wednesday night gave flooding on tributaries of the Des Moines River and on several southwestern Iowa streams. Bedford reported over 5 1/2 inches of rainfall.

CROPS: Rain and wet fields prevented field work in most areas of the State with field-work averaging less than one day for the week ending Friday, October 12. Harvest will be delayed in some areas for awhile yet with 94 percent of the topsoil having surplus moisture supplies while 6 percent was reported as adequate. Clear, warm weather is needed for field drying as well as crop drying. Wet conditions have caused some field molding and sprouting of corn and soybeans.

CORN: Iowa's corn crop was 9 percent harvested compared to the five year average of 18 percent. The eastern and central areas of the state were the least advanced in harvesting operations. There were scattered reports throughout the state of corn borer damage or stalk rot causing field lodging.

SOYBEANS: Soybean harvest has been severely hampered to date in Iowa. Presently, 6 percent of the crop has been harvested compared to the five year average of 49 percent. There were a few reports of moldy bean pods due to excessive moisture.

OTHER CROPS: The harvesting of grain sorghum has reached 10 percent completion compared with an average of 31 percent. Planting of Iowa's winter wheat was 45 percent complete compared to the five year average of 87 percent. Popcorn harvesting was reported as being 10 percent complete.

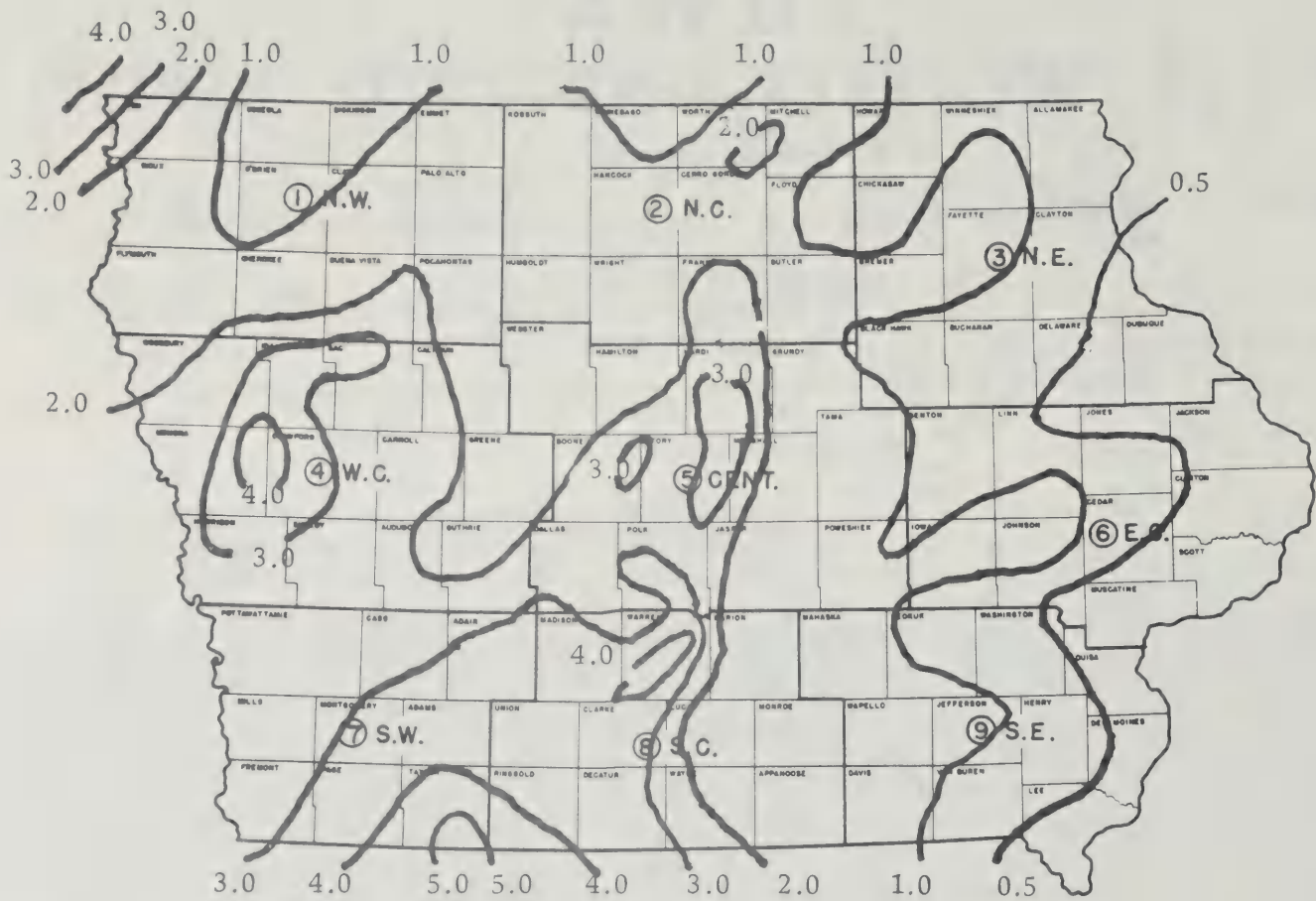
IOWA WEEKLY CROP SUMMARY

Stage of Crop Progress and/or Development as of October 15, 1973	<u>Crop Reporting District</u>										5 Yr Avg.
	1	2	3	4	5	6	7	8	9	State	
Percent soybeans harvested	7	5	6	4	4	7	3	4	3	6	49
Percent field corn harvested	10	8	10	9	6	10	8	5	5	9	18

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

(OVER)

PRECIPITATION FOR WEEK ENDING 6:00 A.M., CDT, OCTOBER 15, 1973



WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	60	+6	+4	+1	1.4	+1.0	+0.8	+3.2
2-NC	62	+8	+5	+2	1.5	+1.1	+1.1	+4.1
3-NE	64	+10	+6	+3	0.7	+0.2	+0.6	+2.1
4-WC	62	+6	+3	+1	2.6	+2.2	+1.8	+5.5
5-CENT	63	+7	+4	+2	2.2	+1.7	+1.4	+3.9
6-EC	65	+9	+6	+3	0.6	0.0	-0.2	+2.8
7-SW	63	+6	+3	+1	3.5	+3.0	+2.4	+5.2
8-SC	65	+8	+5	+3	2.8	+2.3	+2.4	+4.2
9-SE	66	+8	+5	+3	0.8	+0.3	+1.7	+4.0

*Departures are computed from 1931-60 normals.

UNITED STATES DEPARTMENT OF AGRICULTURE
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WEEKLY WEATHER AND CROP REPORT

Prepared jointly by

U. S. DEPARTMENT OF COMMERCE U. S. DEPARTMENT OF AGRICULTURE

ESSA - Weather Bureau Statistical Reporting Service

In cooperation with

121 IOWA DEPARTMENT OF AGRICULTURE 73-29

Released Tuesday at 3:00 p.m., CDT, October 23, 1973

Des Moines, Iowa

Week Ending October 23, 1973

WEATHER: There was no precipitation. The last general occurrence of rains across the state was on October 11. The most recent previous week with no measurable precipitation (traces only) was that ending December 4, 1972. To find a similar week with no precipitation, the record goes back almost 5 years, to the week ending November 4, 1968. Clouds moving over the state on Tuesday and moved out on Wednesday, other days of the week were sunny. Temperatures averaged 3 degrees above normal, for the fourth week above normal. Daily variations were minor, but extremes ranged from lowest of 27 degrees at Sanborn on the 16 to 81 degrees at Sioux City on the 21. Light to moderate frost was reported across northern half on early morning of the 16.

CROPS: With a week of good weather Iowa farmers were busy harvesting soybeans throughout Iowa. Six days were suitable for fieldwork for the week ending Friday, October 19. Topsoil moisture supplies were indicated as 34 percent surplus, and 66 percent adequate.

CORN: Corn harvest was 18 percent complete compared to the five-year average of 28 percent. Harvesting was most advanced in west central and northeast areas of Iowa.

SOYBEANS: Harvesting of Iowa's soybean crop was rapid during the week and reached 55 percent complete compared to the five-year average of 68 percent.

OTHER CROPS: Planting of Iowa's winter wheat was 66 percent complete with the five-year average of 90+ percent. Popcorn harvesting was reported at 30 percent complete. Grain sorghum harvest reached 28 percent completion with an average of 45 percent.

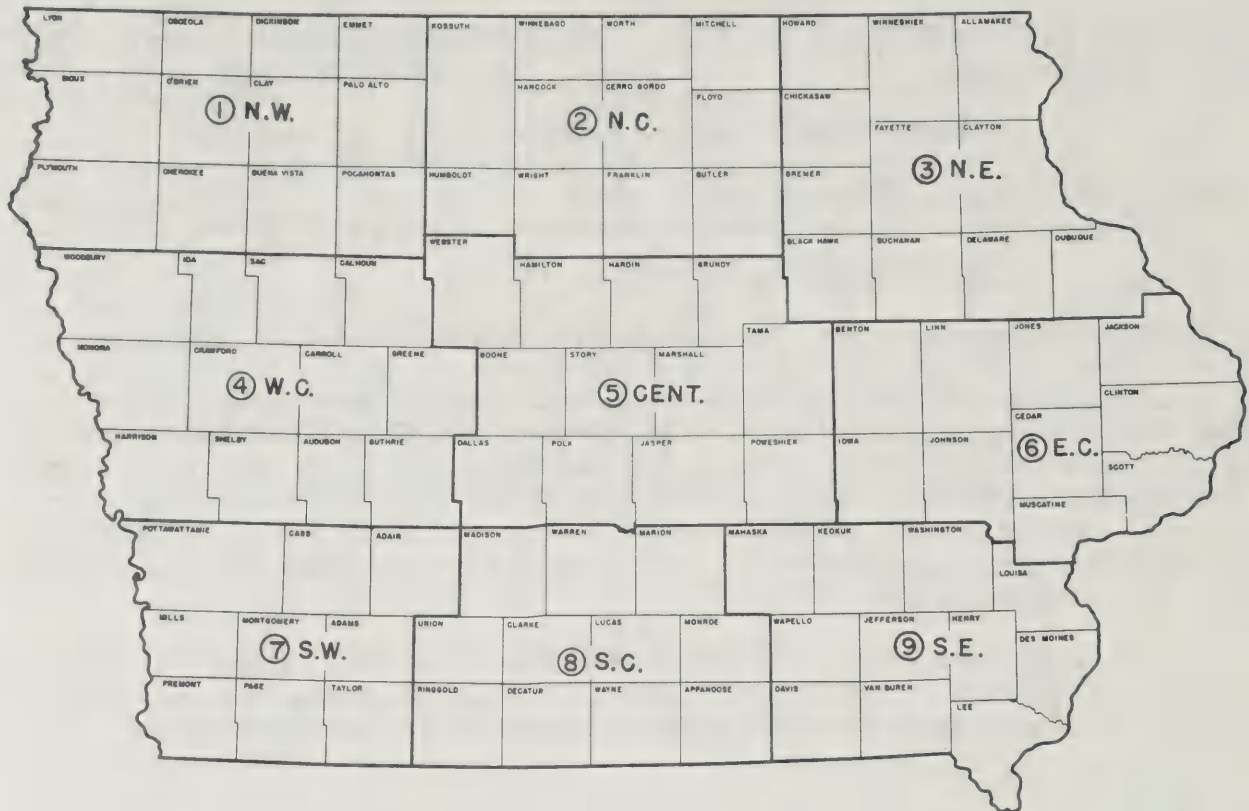
IOWA WEEKLY CROP SUMMARY

Stage of Crop Progress and/or Development as of October 23, 1973	Crop Reporting District										5 yr. Avg.
	1	2	3	4	5	6	7	8	9	State	
Percent soybeans harvested	60	70	52	54	58	54	42	36	48	55	68
Percent field corn harvested	18	14	20	22	16	19	18	17	16	18	28
Days suitable for fieldwork	7	7	7	6	6	7	6	6	6	6	NA

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

(OVER)

NO PRECIPITATION FOR WEEK ENDING 6:00 A.M., CDT, OCTOBER 22, 1973



WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
NW	54	+3	+5	+3	0.0	-0.4	+0.6	+3.3
NC	53	+3	+6	+4	0.0	-0.4	+0.7	+3.9
NE	52	+2	+6	+5	0.0	-0.5	-0.3	+1.4
WC	57	+5	+6	+3	0.0	-0.4	+1.8	+5.6
C	55	+3	+5	+4	0.0	-0.4	+1.3	+3.7
EC	53	+1	+5	+5	0.0	-0.6	-0.6	+1.3
SW	58	+4	+5	+3	0.0	-0.5	+2.5	+5.3
SC	58	+4	+6	+4	0.0	-0.5	+1.8	+4.1
SE	56	+2	+5	+5	0.0	-0.5	-0.2	+3.7

*Departures are computed from 1931-60 normals.

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WEEKLY WEATHER AND CROP REPORT

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NOAA - National Weather Service Statistical Reporting Service

In cooperation with
121 IOWA DEPARTMENT OF AGRICULTURE 73-30

Released Monday at 3:00 p.m., CST, October 29, 1973 Des Moines, Iowa

Week Ending October 29, 1973

WEATHER: Indian summer conditions of fair skies and warm temperatures the first part of the week ended with a change to cooler and variable cloudiness the latter part of the week. Wednesday had some scattered sprinkles of rain, and the week-end was dampened with light to moderate showers. Temperatures averaged about six degrees above normal. Highest reported was 83 degrees at Missouri Valley on the 23rd. Western sections had a hard freeze on the morning of the 29th, with one of the lowest reports of 21 degrees at Spencer.

CROPS: Iowa farmers took advantage of another week of beautiful fall weather pushing soybean harvest to 89 percent complete. Every day was suitable for fieldwork for the week ending Friday, October 26. During a week of busy harvesting operations, motor fuel supplies were reported as 93 percent of normal. Topsoil moisture supplies were 3 percent short, 94 percent adequate, and 3 percent surplus.

CORN: Harvesting of Iowa's corn crop was 26 percent completed compared to the five-year average of 38 percent. There were scattered reports across the state of corn lodging due to high winds on Wednesday, October 24.

SOYBEANS: Iowa's soybean crop was being quickly moved out of the fields as harvest reached 89 percent completion compared to a five-year average of 75 percent. Harvesting of soybeans was most advanced in the north central, northwest and central areas of Iowa and least advanced in the east central district and the southern third of the State.

OTHER CROPS: Popcorn harvesting operations were reported as 47 percent complete. Iowa's grain sorghum was 57 percent harvested with the five-year average 59 percent. Winter wheat seeding stood at 82 percent. Normally, planting of this crop in Iowa has been completed by this time.

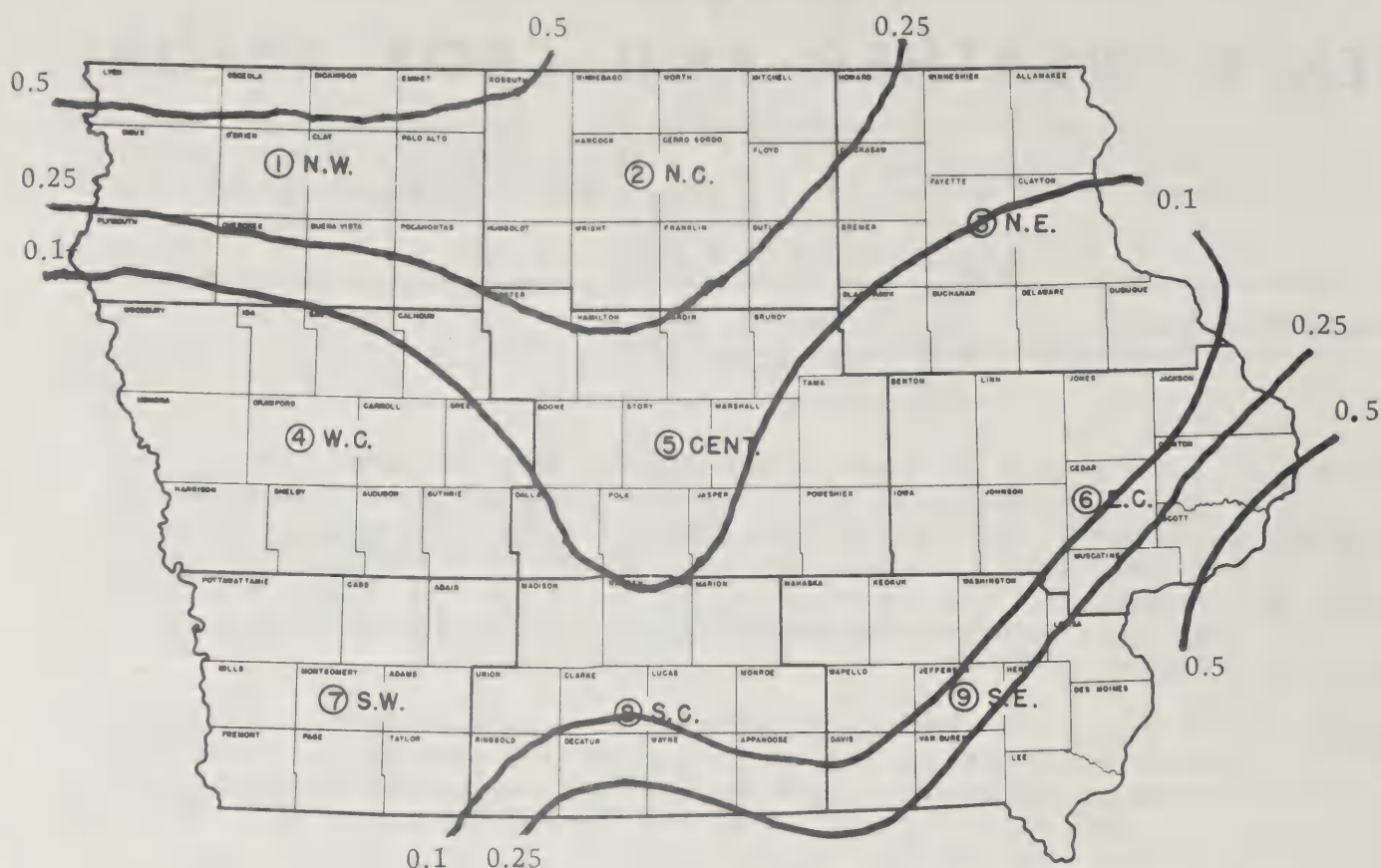
IOWA WEEKLY CROP SUMMARY

Stage of Crop Progress and/or Development as of October 29, 1973	Crop Reporting District										5 yr. Avg.
	1	2	3	4	5	6	7	8	9	State	
Percent soybeans harvested	95	97	86	88	95	85	80	85	85	89	75
Percent field corn harvested	27	16	34	28	18	27	27	22	17	26	38
Days suitable for fieldwork	7	7	7	7	7	7	7	7	7	7	NA
Motor fuel supply percent of normal	96	96	97	92	92	89	89	94	94	93	NA

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

(OVER)

PRECIPITATION FOR WEEK ENDING 6:00 A.M., CST, OCTOBER 29, 1973



WEEKLY WEATHER BY DISTRICTS

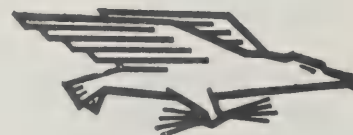
District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
NW	52	+5	+4	+4	0.4	+0.1	-0.3	+0.5
NC	53	+7	+5	+5	0.4	0.0	-0.4	+0.7
NE	54	+7	+5	+5	0.1	-0.4	-0.9	-0.3
WC	54	+6	+6	+4	T	-0.4	-0.8	+1.0
C	55	+6	+5	+4	0.1	-0.3	-0.7	+0.7
EC	55	+6	+4	+5	0.2	-0.3	-0.9	-1.1
SW	56	+5	+5	+4	0.0	-0.4	-0.9	+1.5
SC	58	+7	+6	+5	0.1	-0.4	-0.9	+1.5
SE	57	+6	+4	+4	0.2	-0.3	-0.8	+0.9

*Departures are computed from 1931-60 normals.

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121

73-11

Released Monday at 3:00 p.m., CDT, June 18, 1973

Des Moines, Iowa

Week Ending June 18, 1973

JUL 5 1973

WEATHER: Temperatures averaged 5 to 6 degrees above normal keeping the average for the last 4 weeks also above normal. Tuesday, Wednesday, and Sunday were the only pleasant days, others were in 80's and 90's with high humidity. Highest was 97° at Council Bluffs on the 16th and also at Davenport on the 17th. Coolest was 47° at Elkader on 13th.

There was thunderstorm activity in some parts of Iowa on all days except Wednesday and Sunday. It gave locally heavy rains, spotty hail and wind damage and some funnels. Several of the funnels were reported to touch ground briefly--with only small areas of local damage. Clinton reported 5.50 inches of rainfall the night of 16th-17th. Unofficial amounts of 5 to 7 inches fell near Chariton in Lucas County and of 4 to 5 inches near Rockwell City in Calhoun County on the 12th.

CROPS: Iowa farmers are busy winding up corn planting and pushing soybean plantings toward completion with nearly 6 days suitable for fieldwork the week ending June 15. Other major farm activities consisted of haying, corn and soybean cultivation and spraying activities. Weed control is good to fair in row crop fields. Reporters indicated there is generally an adequate supply of motor fuel available for current farm work.

Corn: Statewide, corn planting is virtually complete. Ninety percent of Iowa's 1973 corn crop has emerged with 8 percent of the reports indicating excellent condition, 81 percent good, and 11 percent rated only fair condition. Stands of corn are 92 percent of normal.

Soybeans: Soybean planting has made rapid progress especially in the southeastern district where planting completion jumped from less than 35 percent to 80 percent complete. For the State, soybean planting is 90 percent complete; behind last year and 5-year average when planting had been completed by this date. Plant emergence has been realized on 70 percent of the soybean acreage compared with over 90 percent last year. Condition of the growing crop is generally rated as good.

Other Crops: Forty percent of the oats has headed, slightly behind last year's 45 percent. Condition of oats is generally good, but ranges from fair to excellent. The first cutting of alfalfa hay is 45 percent complete compared with 59 percent in 1972 and a 5-year average of 53 percent. Condition of hay crops and pastures is good to excellent.

Soil Moisture: Topsoil moisture reports as of Friday indicated 13 percent short, 78 percent adequate and 9 percent surplus.

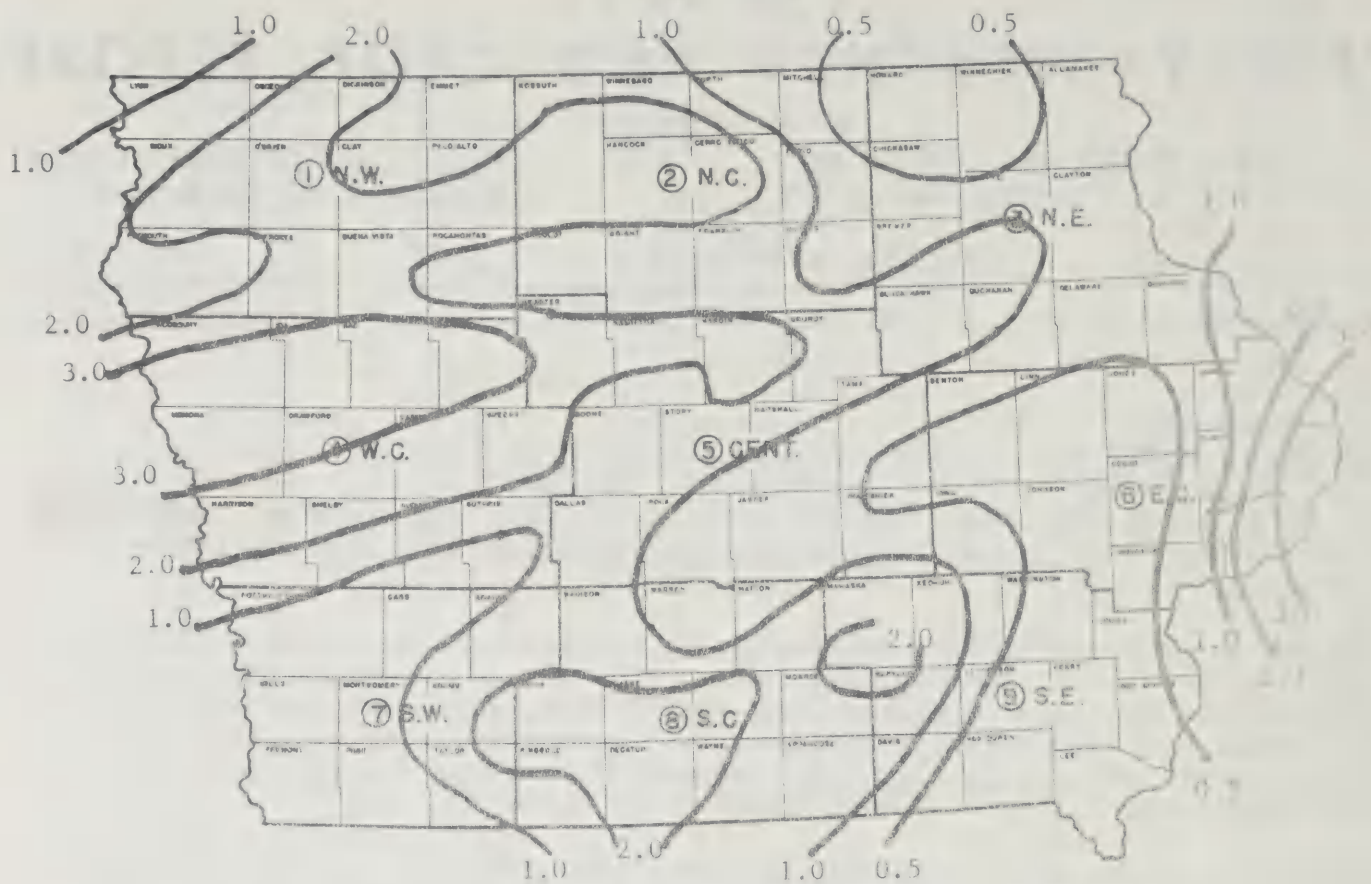
Iowa Growing Degree Data - Week Ending June 15, 1973

Location	Last Wk.	Dep.*	Since May 1	Dep.*	Location	Last Wk.	Dep.*	Since May 1	Dep.*
Rock Rapids	160	+36	642	+24	Ames	158	+29	630	-19
Storm Lake	144	+24	544	-44	Cedar Rapids	176	+45	662	-1
Mason City	170	+47	627	+35	Clarinda	172	+32	740	+18
Fayette	156	+35	591	-4	Corydon	180	+43	698	-3
Denison	165	+38	672	+33	Fairfield	180	+39	674	-45

* Departures computed from 1941-70 normals.

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

(OVER)



WEEKLY WEATHER BY DISTRICTS

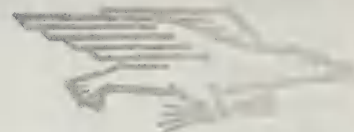
District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	73	+4	+5	+2	1.8	+0.7	-0.1	1.4
2-NC	74	+6	+7	+4	1.6	+0.4	-0.2	1.2
3-NE	73	+5	+6	+3	0.8	-0.4	-0.9	0.7
4-WC	76	+6	+6	+3	2.6	+1.4	+1.1	1.0
5-CENT	76	+6	+6	+3	1.2	0	-0.3	0.4
6-EC	76	+6	+6	+2	1.0	-0.2	-0.5	0.2
7-SW	76	+5	+5	+2	0.8	-0.5	-1.4	0.4
8-SC	77	+6	+6	+3	1.8	+0.5	-0.4	0.7
9-SE	77	+5	+4	+1	0.6	-0.8	-1.4	0.7

*Departures are computed from 1931-60 normals.

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Statistical Reporting Service

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73-12

Released Monday at 3:00 p.m., CDT, June 25, 1973

Des Moines, Iowa
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Week Ending June 25, 1973

JUL 5 1973

WEATHER: A cool week. Widespread thunderstorms the 18th produced locally heavy showers, scattered hail and local wind damage. Late in the week locally heavy showers were widely scattered from the central district southeastward through southeast Iowa. Pella reported 4.41 inches rain with hail on the 23rd.

CROPS: Statewide, soybean planting is virtually complete. Iowa farmers are busy cultivating corn and soybeans and making hay with nearly 5 days suitable for field work the week ending June 22. Weed control is mostly good to fair in row crop fields. Reporters commented of localized minor hail and wind damage to some oats, corn and soybean fields.

Corn: Stands of corn are 92 percent of normal with 68 percent of the reports indicating the corn crop to be in good condition, 22 percent fair and 10 percent excellent.

Soybeans: Soybean planting is virtually complete, about 10 days later than normal. Condition of the growing crop is 25 percent fair, 65 percent good, and 10 percent excellent. Plant emergence has been realized on over 80 percent of the soybean acreage with stands 90 percent of normal.

Other Crops: Eighty percent of the oats has headed, same as a year ago, with 18 percent of the growing crop in excellent condition, 60 percent good, 17 percent fair, and 5 percent poor. First cutting alfalfa hay well underway with 75 percent complete. Last year, 80 percent had been cut by this date with a 5-year average of 71 percent. First cutting of clover hay is 40 percent complete. Condition of hay crops and pastures is mostly good to excellent.

Soil Moisture: Topsoil moisture reports as of Friday, indicated 18 percent surplus, 80 percent adequate, and 2 percent short.

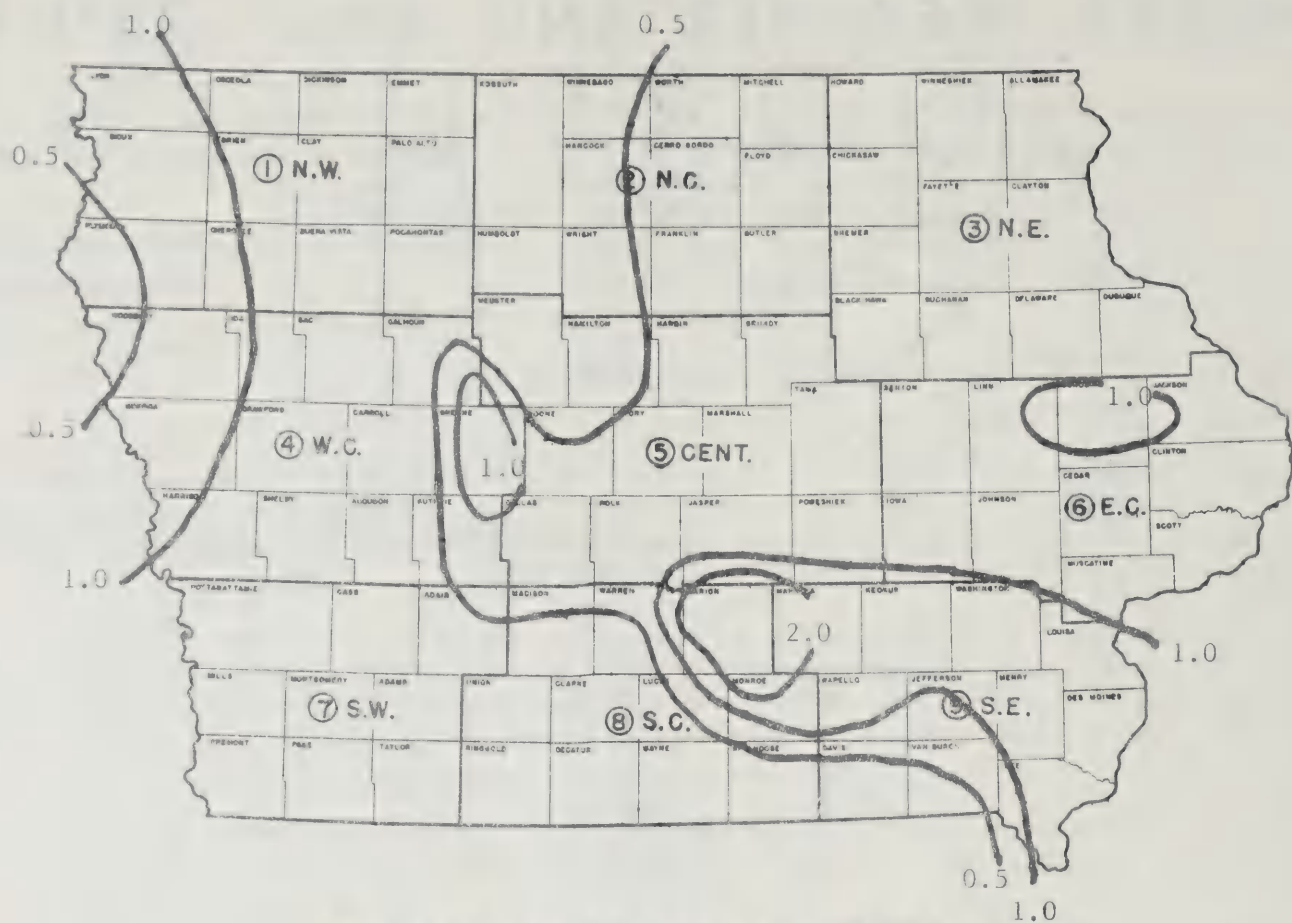
Iowa Growing Degree Data - Week Ending June 22, 1973

Location	Last Wk.	Dep.*	Since May 1	Dep.*	Location	Last Wk.	Dep.*	Since May 1	Dep.*
Rock Rapids	106	-25	748	- 1	Ames	129	- 9	759	-28
Storm Lake	121	- 8	665	-52	Cedar Rapids	148	+ 9	810	+ 8
Mason City	133	+ 5	760	+40	Clarinda	145	- 2	885	+16
Fayette	128	0	719	- 4	Corydon	136	- 9	834	-12
Denison	133	- 4	805	+29	Fairfield	146	- 4	820	-49

* Departures computed from 1941-70 normals.

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

(OVER)



WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	67	-4	0	+2	0.4	-0.7	0	-1.6
2-NC	68	-2	+2	+4	0.5	-0.7	-0.3	-1.3
3-NE	67	-3	+1	+2	0.7	-0.5	-0.9	-2.1
4-WC	70	-1	+3	+3	0.4	-0.8	+0.6	-0.6
5-CENT	70	-2	+2	+3	0.7	-0.5	-0.5	-1.3
6-EC	70	-1	+3	+2	0.6	-0.5	-0.7	-1.1
7-SW	71	-3	+1	+1	0.4	-0.9	-1.4	-3.0
8-SC	71	-2	+2	+2	0.4	-0.8	-0.3	-1.9
9-SE	71	-3	+1	+1	1.3	+0.1	-0.7	-1.6

*Departures are computed from 1931-80 normals.

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73-13

Released Monday at 3:00 p.m., CDT, July 2, 1973

Des Moines, Iowa

Week Ending July 2, 1973

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WEATHER: Temperatures averaged one to three degrees below normal while precipitation ranged from above normal in the west and central to below normal in east. Unseasonably cool weather ruled until the week-end when warming occurred. Mid-week lows dipped into the 40's at numerous points with 44 at Grinnell the coolest reading reported. Precipitation was confined mostly to Saturday night and Sunday night when heavy thunderstorms developed leaving 4 to 5 inch rains in Central and West Central areas. Considerable flooding resulted in the Raccoon River basin.

CROPS: First cutting alfalfa hay is nearing completion with over 6 days suitable for fieldwork the week ending June 29. Weed control in corn and soybean fields is mostly good. Reporters commented of localized minor hail damage to corn and soybeans with some soybean replanting expected. Some stands of row crops are uneven due to wet spots, chemical carry-over, germination problems, and diseases. Crop stands and condition continue the best in the Northwest area of the State where plantings were the earliest.

Corn: Eighteen percent of the reports indicated the corn crop to be in excellent condition with 68 percent good and 14 percent fair. Corn stands are rated at 92 percent of normal.

Soybeans: Condition of the growing crop is 10 percent excellent, 69 percent good, and 21 percent fair. Plant emergence has been realized on over 90 percent of the soybean acreage with stands 90 percent of normal.

Other Crops: Over 90 percent of the oats has headed with 18 percent of the growing crop in excellent condition, 59 percent good, 19 percent fair, and 4 percent poor. Second cutting of alfalfa hay has started with first cutting clover hay 65 percent complete. Condition of hay crops and pastures is mostly good to excellent.

Soil Moisture: Topsoil moisture reports, as of Friday, indicated 8 percent surplus, 72 percent adequate, and 20 percent short. Subsoil moisture reports, as of Friday, indicated 21 percent surplus, 78 percent adequate, and less than 1 percent short.

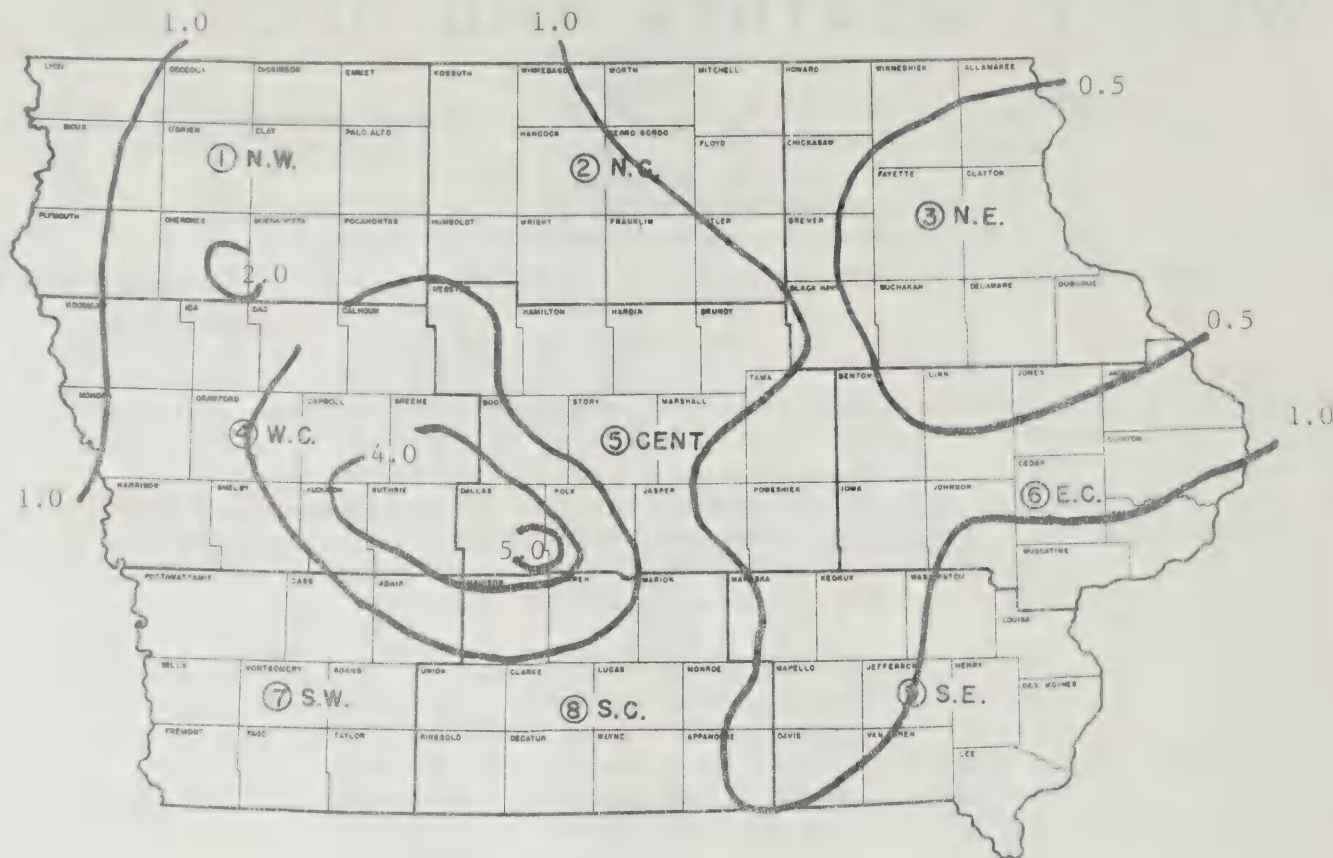
Iowa Growing Degree Data - Week Ending June 29, 1973

Location	Last Wk.	Dep.*	Since May 1	Dep.*	Location	Last Wk.	Dep.*	Since May 1	Dep.*
Rock Rapids	146	+ 3	894	+ 2	Ames	160	+11	919	-17
Storm Lake	149	+ 8	814	-44	Cedar Rapids	153	+ 1	963	+ 0
Mason City	143	+ 5	903	+45	Clarinda	172	+13	1057	+29
Fayette	126	-12	845	-16	Corydon	161	+ 4	995	- 8
Denison	145	- 2	950	+27	Fairfield	159	- 2	979	-51

* Departures computed from 1941-70 normals.

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

(OVER)



WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	71	-1	-3	+1	1.4	+0.4	-0.3	-0.4
2-NC	69	-3	-3	+2	1.0	-0.1	-0.8	-0.1
3-NE	69	-3	-3	+2	0.4	-0.7	-1.2	-2.1
4-WC	72	-1	-1	+2	2.1	+1.1	+0.3	+1.4
5-CENT	71	-3	-3	+2	2.0	+1.0	+0.5	+0.2
6-EC	71	-2	-2	+2	0.9	-0.2	-0.7	-1.2
7-SW	74	-1	-2	+2	1.5	+0.5	-0.4	-1.8
8-SC	74	-1	-2	+2	1.6	+0.5	-0.3	-0.7
9-SE	74	-1	-2	+1	1.1	-0.1	±0.0	-1.4

*Departures are computed from 1931-60 normals.

UNITED STATES DEPARTMENT OF AGRICULTURE
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IMMEDIATE - U. S. WEATHER AND CROP REPORT.
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WEEKLY WEATHER AND CROP REPORT

Prepared jointly by
U. S. DEPARTMENT OF COMMERCE U. S. DEPARTMENT OF AGRICULTURE
NOAA - National Weather Service Statistical Reporting Service

In cooperation with

121 IOWA DEPARTMENT OF AGRICULTURE 73-14

Released Monday at 3:00 p.m., CDT, July 9, 1973 Des Moines, Iowa

Week Ending July 9, 1973

WEATHER: Warm week with moderate to heavy showers. Heavy showers fell the nights 3-4 and 8-9 over parts of Iowa causing localized flooding. Hail and damaging winds were also reported in a few localities those same nights.

CROPS: Small grains are approaching maturity and some harvest activity started in early fields. Weed control in corn and soybean field is mostly good. Some localized crop damage by strong winds and heavy rains. Four days were suitable for fieldwork during the week ending July 6.

Corn: Corn fields are starting to tassel. Some early fields have reached 75 percent or more silked stage. The northwest part of the state remains the most advanced. Twenty-three percent of the reports indicate the corn crop to be in excellent condition with 65 percent good, 11 percent fair, and 1 percent poor.

Soybeans: Over 5 percent of the soybean fields are blooming which is behind a year ago when nearly 20 percent were showing blossoms. Condition of the soybean crop is rated at 14 percent excellent, 66 percent good, and 20 percent fair.

Other Crops: Less than 5 percent of the oats has been harvested and the crop is in generally good condition. Winter wheat harvest is 10 percent complete; last year about 20 percent had been harvested by this date. Second cutting alfalfa hay is 15 percent complete and 75 percent of the first cutting clover hay has been harvested. Condition of hay crops and pastures is good to excellent.

Soil Moisture: Topsoil moisture reports, as of Friday, indicated 27 percent surplus, 72 percent adequate and 1 percent short.

Iowa Growing Degree Data - Week Ending July 6, 1973

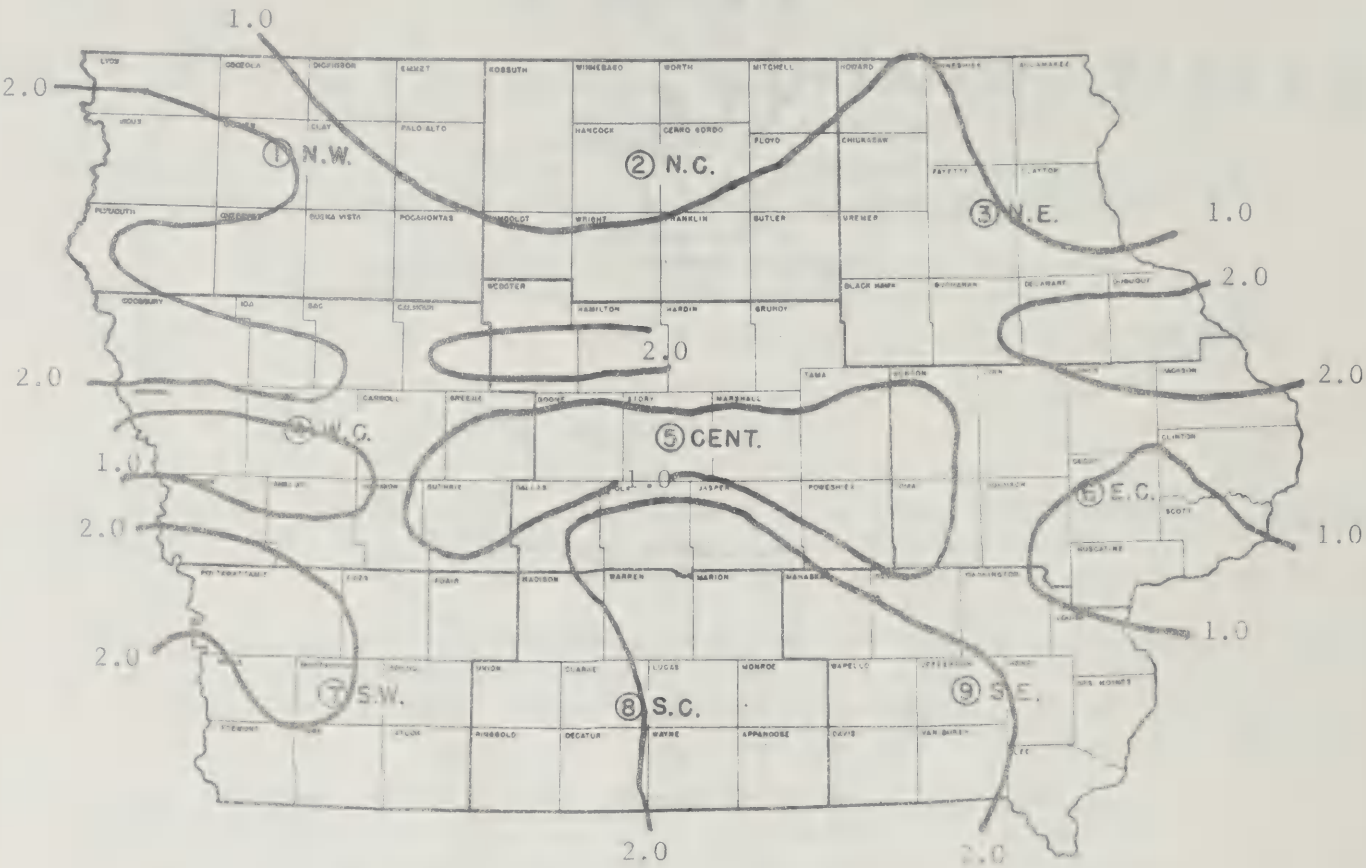
Location	Last Wk.	Dep.*	Since May 1	Dep.*	Location	Last Wk.	Dep.*	Since May 1	Dep.*
Rock Rapids	166	+17	1060	+19	Ames	154	0	1073	-17
Storm Lake	149	+ 2	963	-42	Cedar Rapids	170	+16	1133	+25
Mason City	166	+23	1069	+68	Clarinda	173	+ 9	1230	+38
Fayette	150	+ 8	995	- 8	Corydon	171	+ 4	1166	+ 1
Denison	169	+15	1119	+42	Fairfield	175	+11	1154	-40

* Departures computed from 1941-70 normals.

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

(OVER)

PRECIPITATION FOR WEEK ENDING 6:00 A.M., CDT, JULY 9, 1973



WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	77	+4	+2	+1	1.8	+0.9	+1.3	+1.3
2-NC	78	+5	+1	+2	1.0	+0.1	0	-0.3
3-NE	76	+3	0	+1	1.2	+0.2	-0.5	-1.4
4-WC	79	+5	+2	+2	1.3	+0.4	+1.5	+2.1
5-CENT	79	+4	+1	+1	1.3	+0.3	+1.3	+0.8
6-EC	78	+4	+1	+2	1.1	+0.2	0	-0.7
7-SW	79	+3	+1	+1	1.4	+0.5	+1.0	-0.4
8-SC	79	+3	+1	+2	2.2	+1.3	+1.8	+1.5
9-SE	79	+3	+1	+1	2.0	+1.0	+0.9	+0.2

*Departures are computed from 1931-60 normals.

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IOWA DEPARTMENT OF AGRICULTURE

73-15

Released Monday at 3:00 p.m., CDT, July 16, 1973

Des Moines, Iowa

Week Ending July 16, 1973

WEATHER: It was a sunny and dry week. Temperatures averaged near normal with above normal readings early in the week followed by below normal at weeks end. Temperature extremes for the period ranged from 97° at Elkader on the 12th to 49° at Mason City and Spencer on the 16th. Precipitation was light and scattered with only small areas receiving significant amounts early in the week.

CROPS: Growing crops were in mostly good to excellent condition, with soybean and oat reports ranging from fair to excellent. Reporters commented that late planted row crops are catching up with earlier plantings and making excellent progress with the advent of warm humid weather. Weed control in corn and soybean fields is generally good, but ranges from fair to excellent. Some soybean fields are being walked to pull weeds. Major farm activities consisted of winter wheat and oat harvesting and cutting hay with over 6 days suitable for fieldwork during the week ending Friday, July 13.

Corn: Condition of the corn was reported mostly good to excellent. Fourteen percent of the corn fields are 75 percent or more silked compared with 16 percent for this date last year. Corn is mature (safe from frost) approximately 55 days after it is 75 percent or more silked. The northwestern district is the most advanced with over 20 percent of the corn fields 75 percent or more silked.

Soybeans: Twenty-four percent of the soybean fields are blooming, behind last year's 32 percent for this date. Crop condition is fair to excellent with isolated areas of poor conditions in the southeastern district. Nearly 50 percent of the soybeans are blooming in the northwestern district compared to just over 10 percent in the south central and southeastern districts.

Other Crops: Oat harvest is 10 percent complete, compared with 5 percent last year and a 5-year average of 18 percent for this date. Forty percent of the winter wheat crop has been harvested, last year 55 percent had been harvested by this date. First cutting clover hay is nearly 85 percent complete and second cutting of alfalfa hay is 30 percent complete. Condition of hay crops is good to excellent. Pastures are in mostly good condition but reports range from fair to excellent.

Soil Moisture: Topsoil moisture reports as of Friday, July 13, indicate 16 percent short, 79 percent adequate, and 5 percent surplus. Most of the shortages are reported from the eastern part of the State.

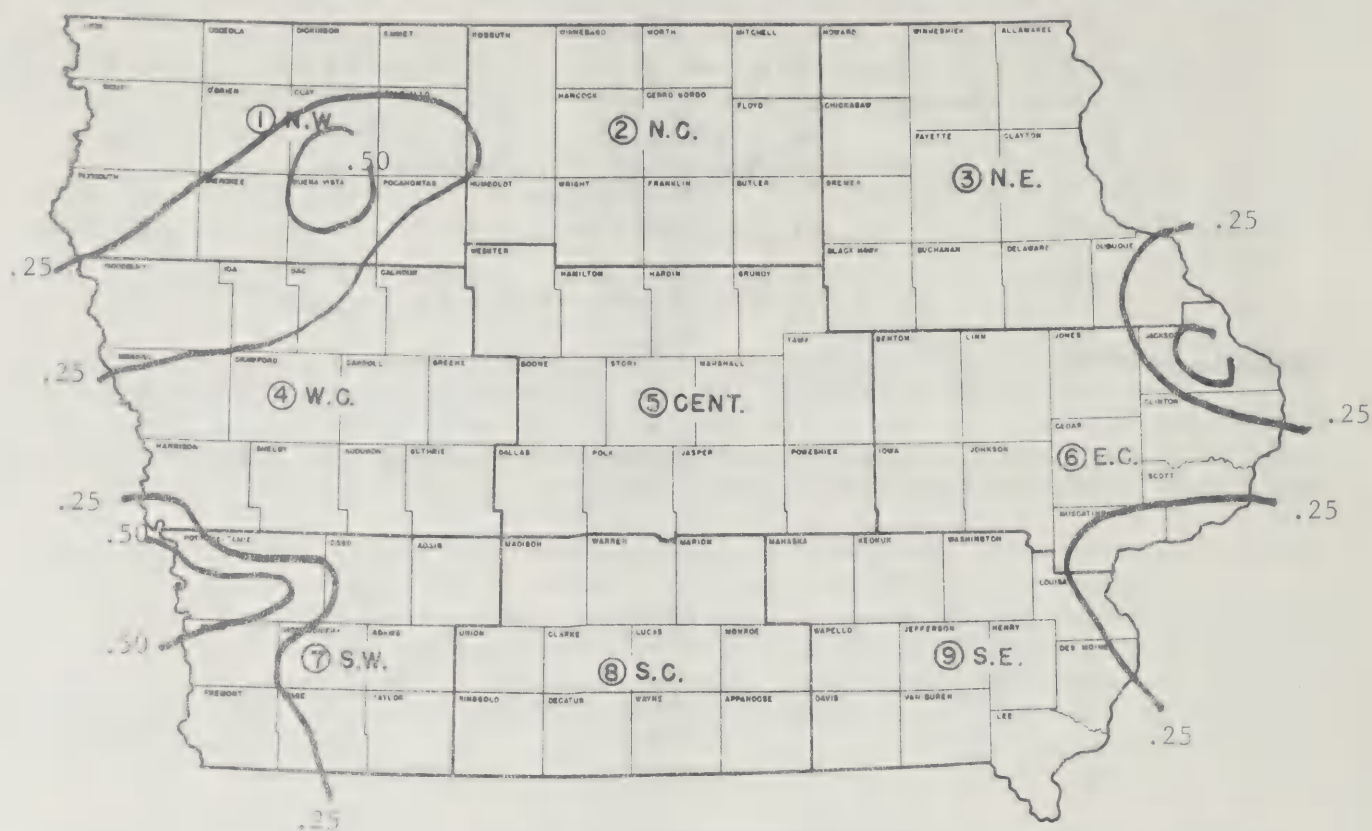
Iowa Growing Degree Data - Week Ending July 13, 1973

<u>Location</u>	<u>Last Wk.</u>	<u>Dep.*</u>	<u>Since May 1</u>	<u>Dep.*</u>	<u>Location</u>	<u>Last Wk.</u>	<u>Dep.*</u>	<u>Since May 1</u>	<u>Dep.*</u>
Rock Rapids	187	+34	1247	+ 53	Ames	181	+21	1254	+ 8
Storm Lake	181	+31	1144	- 11	Cedar Rapids	188	+31	1321	+56
Mason City	186	+39	1255	+107	Clarinda	194	+29	1424	+67
Fayette	177	+32	1172	+ 24	Corydon	187	+21	1354	+22
Denison	184	+25	1303	+ 70	Fairfield	192	+25	1346	-15

* Departures computed from 1941-70 normals.

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

(OVER)



WEEKLY WEATHER BY DISTRICTS

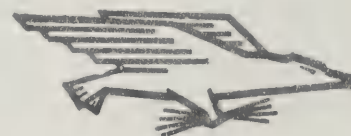
District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	73	-1	+2	-1	0.2	-0.6	+0.3	0.0
2-NC	73	-1	+2	0	0.1	-0.7	-0.6	-1.4
3-NE	73	-1	+1	-1	0.1	-0.8	-0.6	-1.8
4-WC	74	-1	+2	+1	0.1	-0.7	-0.3	0.0
5-CENT	76	0	+2	0	0.1	-0.8	-0.5	0.0
6-EC	76	+1	+3	+1	0.1	-0.6	-0.4	-1.1
7-SW	76	0	+2	0	0.3	-0.5	0.0	-0.4
8-SC	77	0	+2	0	0.1	-0.6	+0.7	+0.4
9-SE	77	0	+2	0	0.1	-0.6	+0.4	+0.4

*Departures are computed from 1931-60 normals.

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78-16

Released Monday at 3:00 p.m., CDT, July 23, 1973

SEP 10 1973

Des Moines, Iowa

Week Ending July 20, 1973
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

WEATHER: Sunny and warm weather early in the week gave way to clouds and general rain. Temperatures averaged 2 to 6 degrees below normal due to the cloudiness and rain. Rainfall was general with heaviest amounts in the south where locally over 4 inches was recorded. Only the extreme northwest and northeast had below normal amounts.

CROPS: Growing crops were in mostly good to excellent condition. Small grain harvest and haying has been slowed by welcome rains during end of week. Nearly 6 days were suitable for fieldwork the week ending Friday, July 20.

Soybeans: Statewide, 52% of the soybean fields are blooming, the same as this date last year. Bloom ranges from three-fourths in the northwestern area to one-fourth in the southeast. Fifteen percent of the soybeans are setting pods, normal progress for this date. Crop condition was reported 20 percent excellent, 65 percent good, and 15 percent fair. Weed control in soybean fields is mostly good to fair.

Corn: The condition of the corn crop was reported mostly good to excellent. Forty percent of the corn fields are 75 percent or more silked compared with 44 percent last year and a 5-year average of 38 percent for this date. Silking ranges from 50 percent or more in the northwestern and western districts to about 20 percent or less in the east central and southeastern districts.

Other Crops: Oat harvest is 36 percent complete, compared with 20 percent last year and a 5-year average of 43 percent for this date. Winter wheat harvest is progressing well with over 80 percent of the grain harvested. First cutting clover hay is nearing completion and second cutting alfalfa hay is 50 percent complete. Hay crop condition is mostly good to excellent. Pastures are in fair to excellent condition, and general weekend rains have stimulated growth.

Soil Moisture: Topsoil moisture reports as of Friday, July 20, indicate 6 percent surplus, 61 percent adequate and 33 percent short. Statewide weekend rains should alleviate most of the shortage of topsoil moisture reported.

Iowa Growing Degree Data - Week Ending July 20, 1973

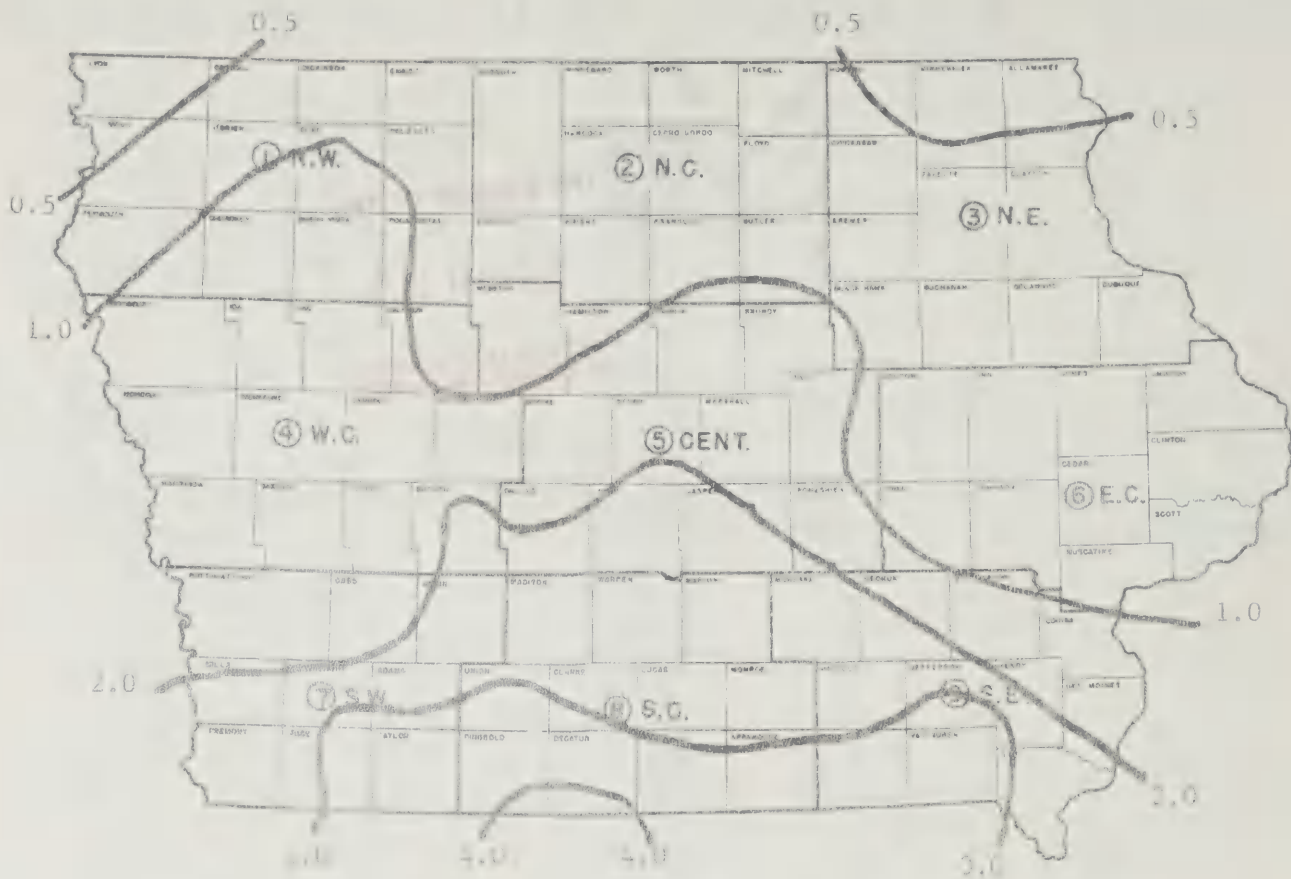
Location	Last Wk.	Dep.*	Since May 1	Dep.*	Location	Last Wk.	Dep.*	Since May 1	Dep.*
Rock Rapids	143	- 14	1390	+ 39	Ames	147	- 13	1401	- 5
Storm Lake	135	- 18	1279	- 29	Cedar Rapids	161	0	1482	+ 56
Mason City	149	- 2	1464	+105	Clarinda	158	- 10	1582	+ 57
Fayette	147	- 1	1319	+ 22	Corydon	148	- 21	1501	+ 1
Harrison	148	- 11	1451	+ 59	Fairfield	158	- 11	1504	- 26

* Departures computed from 1941-70 normals.

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

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WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	71	-4	-3	-1	0.8	+0.1	-0.5	+0.8
2-NC	71	-3	-2	-1	0.8	+0.1	-0.6	-0.6
3-NE	72	-2	-2	-1	0.7	-0.2	-0.1	-1.5
4-WC	71	-3	-3	-1	1.5	+0.7	±0.0	+1.5
5-CENT	72	-3	-2	-1	1.8	+1.0	+0.2	+1.5
6-EC	71	-3	-2	-1	0.8	+0.1	-0.5	-0.5
7-SW	71	-6	-3	-1	2.2	+1.4	+0.9	+1.9
8-SC	73	-4	-2	-1	2.8	+2.2	+1.6	+3.4
9-SE	73	-4	-2	-1	2.1	+1.5	+0.9	+1.8

*Departures are computed from 1931-60 normals.

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IOWA DEPARTMENT OF AGRICULTURE

73-17

Released Monday at 3:00 p.m., CDT, July 30, 1973

Des Moines, Iowa

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Week Ending July 30, 1973

SEP 10 1973

WEATHER: Modified polar masses predominated over Iowa and for the 3rd successive week temperatures remained a few degrees below normal. There were scattered showers and thunderstorms around Tuesday, Thursday, and on the weekend giving variable amounts of precipitation across the State. Scattered localities had locally heavy amounts; Radcliff, 3.15 inches, Hubbard, 3.00 inches, and Washington, 2.94 inches. Some hail fell in extreme southeastern counties Thursday evening and again Friday evening, hailstones were also reported Sunday evening in the Denison to Coon Rapids area. Some crop damage resulted from these hails. Several funnels were reported extreme northwest Iowa Sunday evening. Generally the northeast section of Iowa continues deficient in rainfall for the whole month, while the southeast section has had well above normal amounts.

CROPS: Growing crops were in mostly good to excellent condition with a few reports of fair. Most of the fair reports for corn and soybeans were from the south central and southeast districts. Three days were suitable for fieldwork the week ending Friday, July 27.

Corn: Statewide, 70 percent of the corn fields were reported 75 percent or more silked. Silking ranges from nearly 90 percent in the northwest to 50 percent in the east central. About 10 percent of the corn fields are entering the dough stage, which is the same percentage as last year. The condition of the corn crop is good to excellent with the exception of some fair conditions reported from south central and southeast districts and are the result of late plantings or grassy fields.

Soybeans: Soybean crop condition was good to excellent. The few fair reports received were from the south central and southeast districts due to lateness of crop. Seventy-two percent of Iowa's soybean fields are blooming, the same as last year. Bloom ranges from 90 percent in the northwest to nearly 45 percent in the southeast. Thirty percent of the soybean fields are setting pods compared with 25 percent last year and a five year average of 30 percent. The northwest is the most advanced with about 45 percent of the soybeans setting pods and the least advanced in south central area. Weed control in soybean fields is mostly good with many fields in the process of being rogued.

Other Crops: Winter wheat harvest is nearing completion with 90 percent of the fields harvested. Over 50 percent of Iowa's oat acreage is harvested, the same as last year and compares with a five year average of 69 percent. Second cutting of alfalfa hay is 62 percent complete and about one third of the second cutting clover hay is complete. Pastures and hay crops are in good to excellent condition.

Soil Moisture: Topsoil moisture reports as of Friday, July 27, indicate 17 percent surplus, 78 percent adequate, and 5 percent short. Subsoil moisture is indicated at 16 percent surplus and 83 percent adequate. Only one report of short moisture was received from the northeast district. Rain in varying amounts, was received over the week end in many parts of the State. Some reports of hail damage in scattered areas.

Iowa Growing Degree Data - Week Ending July 27, 1973

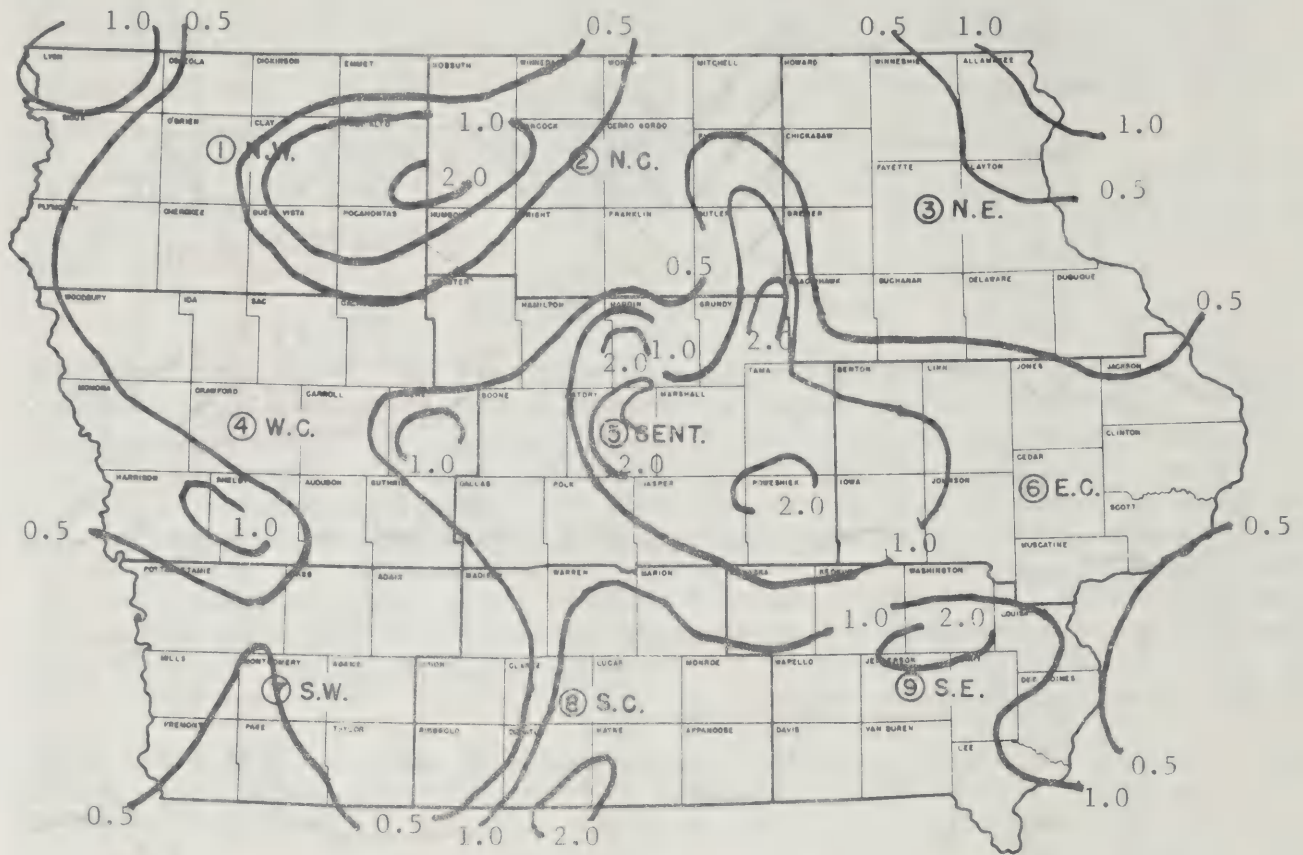
Location	Last Wk.	Dep.*	Since May 1	Dep.*	Location	Last Wk.	Dep.*	Since May 1	Dep.*
Rock Rapids	141	-20	1531	+ 19	Ames	136	-28	1537	- 33
Storm Lake	133	-25	1412	- 54	Cedar Rapids	158	- 8	1640	+ 48
Mason City	150	- 5	1554	+100	Clarinda	150	-22	1732	+ 35
Fayette	153	0	1472	+ 22	Corydon	155	-18	1656	- 17
Denison	140	-25	1591	+ 34	Fairfield	169	- 4	1673	- 30

* Departures computed from 1941-70 normals.

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

(OVER)

PRECIPITATION FOR WEEK ENDING 6:00 A.M., CDT, JULY 30, 1973



WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	71	-4	-4	-1	0.6	-0.1	0.0	+0.3
2-NC	72	-2	-3	0	0.8	+0.1	+0.2	-0.4
3-NE	73	-1	-2	0	0.3	-0.5	-0.7	-1.3
4-WC	73	-3	-4	-1	0.5	-0.3	+0.4	+0.1
5-CENT	74	-2	-3	-1	1.5	+0.7	+1.7	+1.2
6-EC	73	-3	-4	-1	0.7	0.0	+0.1	-0.3
7-SW	74	-3	-5	-2	0.4	-0.4	+1.0	+1.0
8-SC	76	-1	-3	-1	1.0	+0.3	+2.5	+3.2
9-SE	74	-3	-4	-1	1.2	+0.5	+2.0	+2.4

*Departures are computed from 1931-60 normals.

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IOWA DEPARTMENT OF AGRICULTURE

73-18

Released Monday at 3:00 p.m., CDT, August 6, 1973

Des Moines, Iowa

Week Ending August 6, 1973

WEATHER: The first half of the week northerly, the latter half cool Canadian air over Iowa. Elkader reported a low of 43 degrees on the 2nd. The latter part of the week winds shifted to southerly bringing a warming trend and high marks of 90 degrees at several places. However, the average for the week was about 4 degrees below normal. Considerable sunshine during the week was interrupted for scattered showers and thunderstorms across the northwest on the 3rd and 6th, across the northeast on the 4th, and the southeast on the afternoon of the 3rd. Rainfall was only light and left the State one-half to one inch below normal for the week.

CROPS: Condition of crops continues mostly good to excellent, with only a few reports showing fair condition. Development of row crops is most advanced in northwestern and north central areas of the State and least advanced in eastern and southern areas. Nearly 6 days were suitable for fieldwork for the week ending August 3.

Corn: Approximately 85 percent of Iowa's corn crop has become 75 percent or more silked, slightly behind last year, but about the same as the 5-year 1967-71 average. About 25 percent of the crop has reached the dough stage, compared with 35 percent last year by this date. Reports on condition showed 1 percent poor, 4 percent fair, 59 percent good and 36 percent excellent.

Soybeans: Condition of soybeans was reported as 7 percent fair, 64 percent good, and 29 percent excellent. About 80 percent of the State's soybeans are in or past the bloom stage, virtually the same as last year. Approximately 45 percent are setting pods, the same as last year, but slightly behind the 5-year average of 50 percent. Weed control varies from fair to excellent, with the majority of reports showing good control.

Other Crops: The oat harvest is about 90 percent completed, somewhat ahead of the 75 percent last year by this date, and nearly the same as the 5-year average. Condition of alfalfa, clover and pastures is good to excellent. Hay harvesting made good progress with about 80 percent of the second cutting of alfalfa and about 55 percent of the second cutting of clover being completed, both slightly ahead of last year.

Soil Moisture: Topsoil moisture reports as of Friday, August 3 indicated 12 percent short, 83 percent adequate, and 5 percent surplus. Most of the reports of short were in the northeastern part of the State. Some reports in the west central and northwestern areas indicated localized hail damage along with rain.

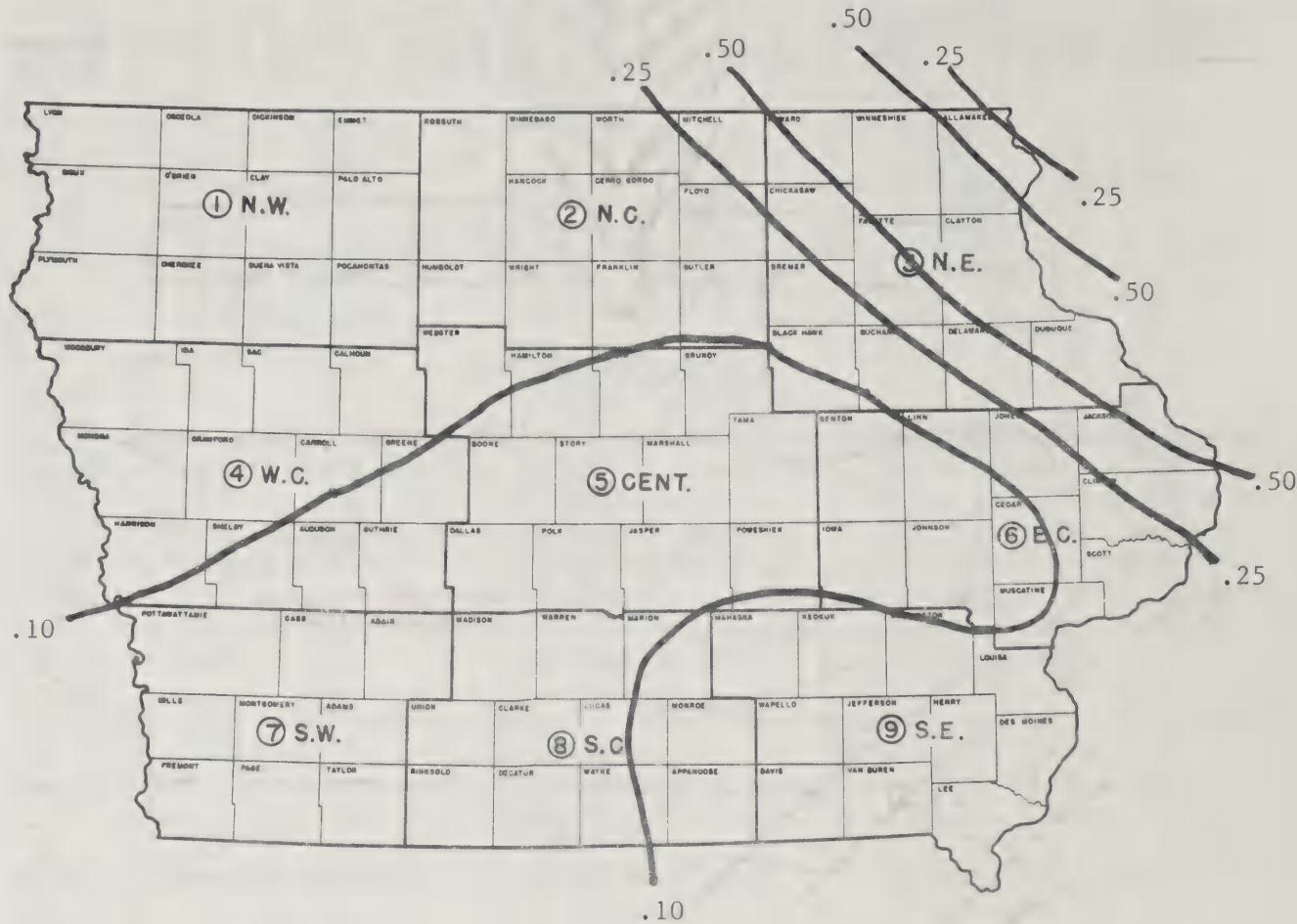
Iowa Growing Degree Data - Week Ending August 3, 1973

Location	Last Wk.	Dep.*	Since May 1	Dep.*	Location	Last Wk.	Dep.*	Since May 1	Dep.*
Rock Rapids	124	-36	1655	-17	Ames	130	-32	1667	-65
Storm Lake	128	-26	1540	-80	Cedar Rapids	133	-31	1773	+17
Mason City	136	-15	1690	+85	Clarinda	136	-36	1868	-1
Fayette	122	-30	1594	-8	Corydon	142	-31	1798	-48
Denison	137	-25	1728	+9	Fairfield	140	-31	1813	-61

* Departures computed from 1941-70 normals.

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

(OVER)



WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	71	-3	-4	-3	0.1	-0.7	-0.8	-1.3
2-NC	69	-4	-3	-3	0.2	-0.7	-0.6	-1.3
3-NE	70	-4	-3	-2	0.3	-0.5	-1.0	-2.0
4-WC	72	-3	-3	-3	0.1	-0.8	-1.1	-1.1
5-CENT	71	-4	-3	-3	T	-0.9	-0.2	±0.0
6-EC	70	-5	-4	-3	T	-0.7	-0.7	-1.2
7-SW	72	-5	-4	-4	0.0	-1.0	-1.4	-0.5
8-SC	73	-4	-3	-2	0.1	-0.9	-0.6	+1.0
9-SE	71	-6	-5	-3	0.1	-0.8	-0.3	+0.6

*Departures are computed from 1931-60 normals.

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WEEKLY WEATHER AND CROP REPORT

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NOAA - National Weather Service

U. S. DEPARTMENT OF AGRICULTURE
Statistical Reporting Service

In cooperation with

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IOWA DEPARTMENT OF AGRICULTURE

73-19

Released Monday at 3:00 p.m., CDT, August 13, 1973

Des Moines, Iowa

Week Ending August 13, 1973

WEATHER: Warm humid nights helped temperatures to average about one degree above normal. Northeastern and southern districts had heavier than normal rainfall from occasional showers and thunderstorms. Among the locally heaviest amounts Albia, Augusta, and Greenfield each reported more than 4 inches. Other districts received only around half their normal rainfall. There was some widely scattered hail, tree damage, and utility lines downed from gusty winds with weekend thunderstorms. A sluggish frontal system took several days to move across the State.

CROPS: Crop conditions continue mostly good to excellent. Development of corn and soybean crops is most advanced in the northwestern and southwestern areas of the State and least advanced in the east central, south central, and southeastern areas. There were nearly 6 days suitable for fieldwork for the week ending August 10. Topsoil moisture reports as of Friday, August 10 indicated 16 percent short, 77 percent adequate, and 7 percent surplus.

Corn: Reports on condition of Iowa's corn crop indicated 1 percent poor, 3 percent fair, 58 percent good, and 38 percent excellent.

Soybeans: Iowa's soybean crop condition was reported as 7 percent fair, 57 percent good, and 36 percent excellent.

Other Crops: Condition of alfalfa, clover, and pastures ranges from poor to excellent with a majority of reports good to excellent.

Iowa Weekly Crop Statistics

Stage of Crop Progress and/or Development	August 11, 1973	August 4, 1973	5-year Ave.
Percent of corn in or past dough stage	43	25	51
Percent of soybeans setting pods or more advanced	70	45	69
Percent of third cutting alfalfa harvested	18	--	--
Percent of second cutting clover harvested	56	55	58

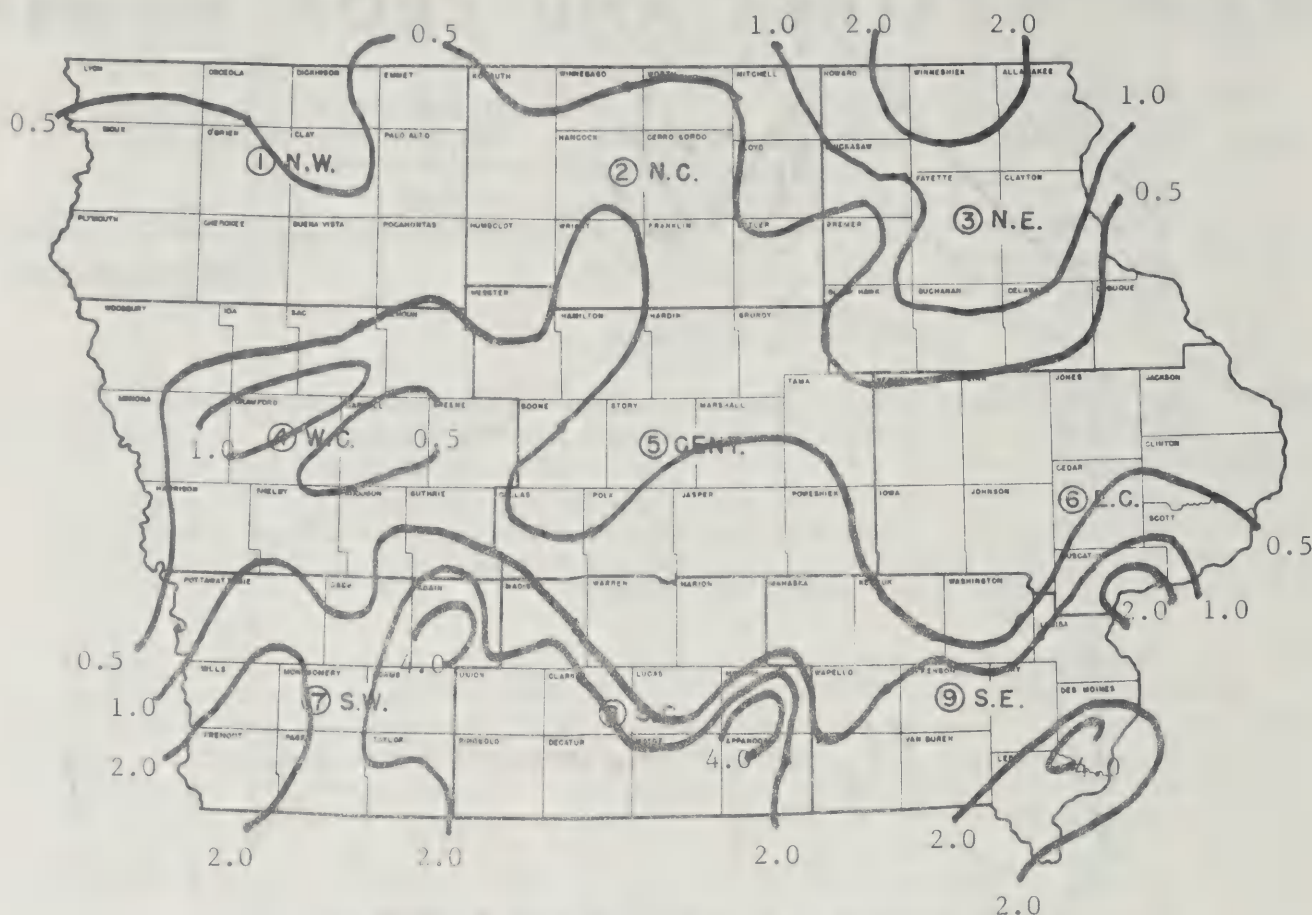
Iowa Growing Degree Data - Week Ending August 10, 1973

Location	Last Wk.	Dep.*	Since May 1	Dep.*	Location	Last Wk.	Dep.*	Since May 1	Dep.*
Rock Rapids	163	+11	1666	-158	Ames	167	+11	1678	-210
Storm Lake	164	+14	1554	-216	Cedar Rapids	180	+24	1797	-115
Mason City	167	+22	1712	-38	Clarinda	181	+16	1884	-150
Fayette	167	+23	1617	-129	Corydon	179	+14	1812	-199
Denison	167	+12	1740	-134	Fairfield	181	+17	1830	-208

*Departures computed from 1941-70 normals.

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

(OVER)



WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	73	-1	-2	-3	0.3	-0.5	-1.2	-1.2
2-NC	74	+2	-1	-2	0.5	-0.5	-1.2	-1.0
3-NE	73	0	-2	-2	1.2	+0.3	-0.2	-0.9
4-WC	75	+1	-1	-3	0.7	-0.2	-1.0	-0.6
5-CENT	75	+1	-2	-2	0.5	-0.4	-1.3	+0.4
6-EC	75	+1	-2	-3	0.4	-0.4	-1.1	-1.0
7-SW	76	0	-3	-4	2.0	+0.9	-0.1	+0.9
8-SC	77	+1	-2	-2	2.3	+1.3	+0.4	+2.9
9-SE	77	+1	-3	-3	1.4	+0.5	-0.3	+1.7

*Departures are computed from 1931-60 normals.

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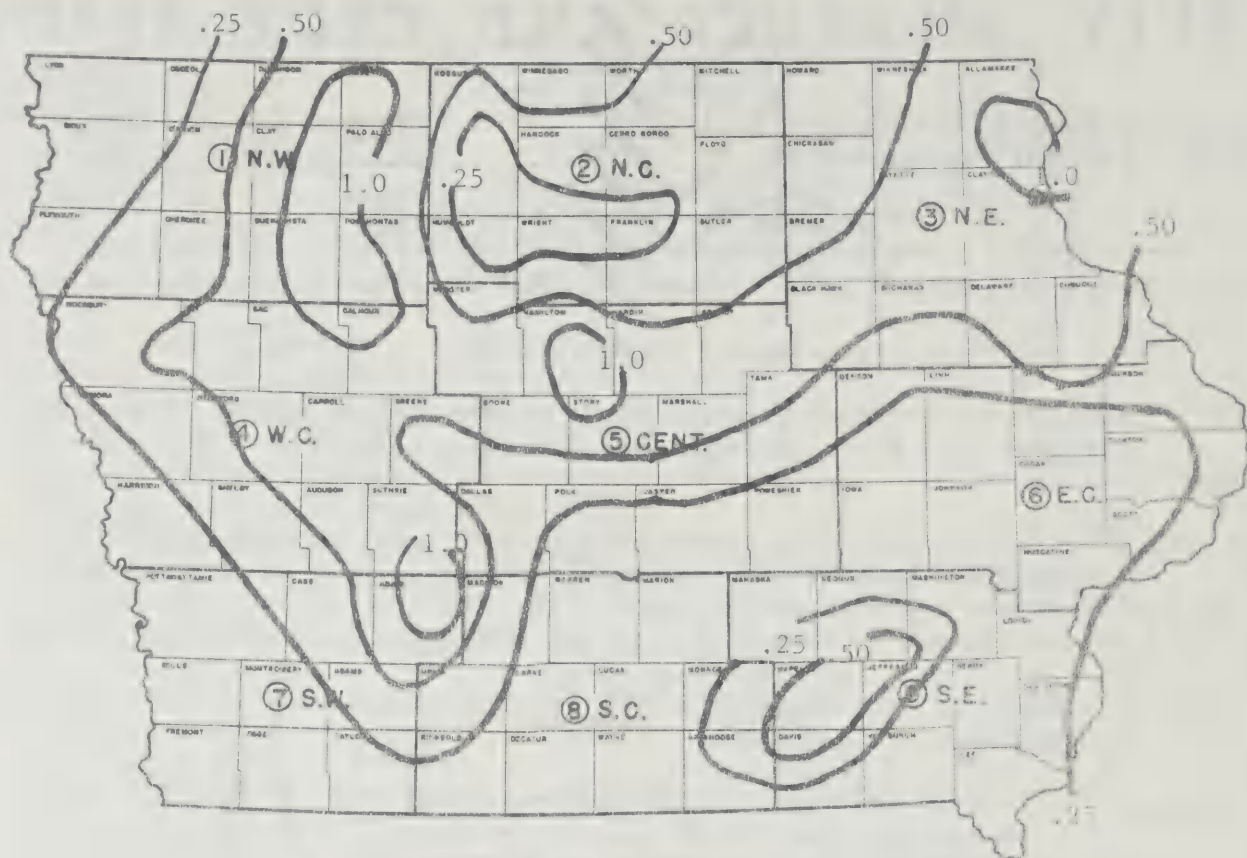
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WEEKLY WEATHER BY DISTRICTS

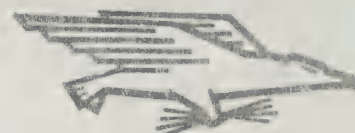
District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
1-NW	75	+2	+1	-2	0.6	-0.7	-0.7	-1.5
2-NC	73	+1	+2	-1	0.3	-0.7	-1.1	-1.7
3-NE	73	+1	+1	-1	0.7	-0.1	+0.2	-0.8
4-W.C.	76	+3	+2	-1	0.6	-0.2	-0.4	-1.5
5-CENT	75	+2	+2	-1	0.5	-0.3	-0.7	-0.9
6-EC	73	0	+1	-2	0.2	-0.6	-1.0	-1.7
7-SW	76	+1	+1	-2	0.3	-0.6	+0.3	-1.1
8-SC	76	+2	+2	-1	0.2	-0.7	+0.6	0.0
9-SE	75	0	+1	-2	0.4	-0.4	+0.1	-0.2

*Departures are computed from 1931-60 normals.

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Statistical Reporting Service

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IOWA DEPARTMENT OF AGRICULTURE

73-31

Released Monday at 3:00 p.m., CST, November 5, 1973

Des Moines, Iowa

Week Ending November 5, 1973

WEATHER: Northerly winds predominated and dropped temperatures to an average around 5 degrees below normal, breaking a five week period of above normal. A hard freeze blanketed Iowa morning of November 5th; Mason City and Fort Dodge both reported low temperatures of 15 degrees for the coldest so far this season. Warmest reports of the week were from Red Oak and Mapleton on the 31st of October, both with highest of 63 degrees. Seasons first snowflakes fell across northern counties on Thursday, November 1, and snowfall again Saturday night across the northwest was enough to call 1 inch at Sioux City. Lighter showers fell on eastern sections Tuesday night and Friday. Precipitation of the week averaged about 0.3 inch below normal, for the third successive week below.

CROPS: The third consecutive week of good harvesting weather in Iowa led to 97 percent completion of soybean harvest and 45 percent of corn. Six days were suitable for fieldwork for the week ending Friday, November 3. During another week of rapid harvesting operations, motor fuel supplies for farm work were reported as 94 percent of normal. The week ended with topsoil moisture supplies as 5 percent short, 91 percent adequate, and 4 percent surplus. Subsoil moisture supplies were recorded at 1 percent short, 85 percent adequate, and 14 percent surplus.

CORN: Iowa's corn harvesting operations were reported as being 45 percent complete with the five year average of 47 percent. Harvesting was least advanced in south central Iowa with 38 percent completion and most advanced in the northwest and northeast areas of the State with 48 percent of the crop out of the fields.

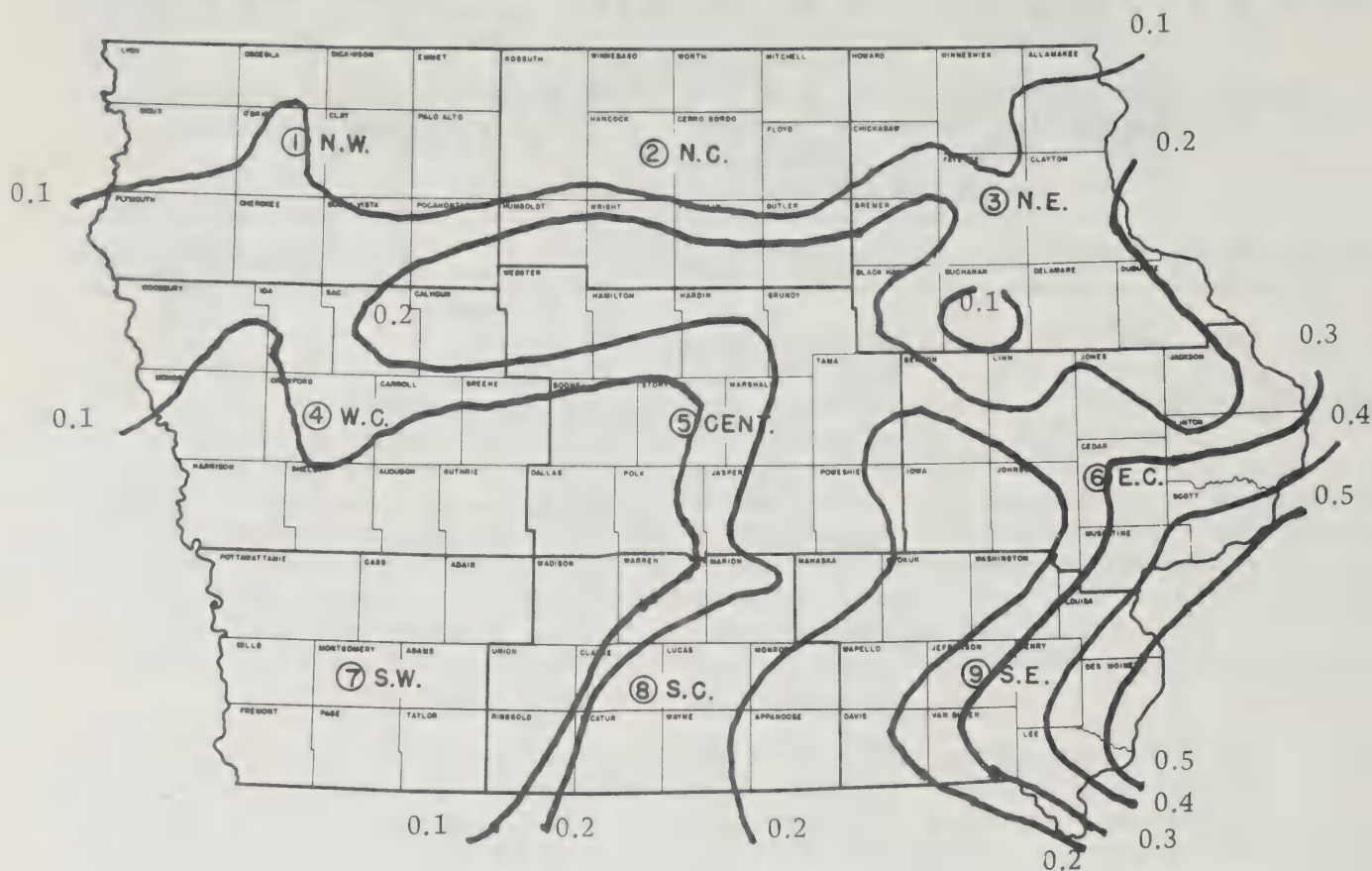
SOYBEANS: Soybean harvest is nearly complete with 97 percent of Iowa's beans already harvested. Harvesting of the soybean crop was least advanced in southeastern Iowa with 93 percent completed and most advanced in the north central area of the State with 99 percent completion.

OTHER CROPS: Grain sorghum harvesting was 74 percent complete with the normal 67 percent. Popcorn harvesting advanced to 75 percent completion. Planting of winter wheat was 86 percent complete. Fall plowing was reported as being 22 percent completed.

IOWA WEEKLY CROP SUMMARY

Stage of Crop Progress and/or Development as of November 5, 1973	<u>Crop Reporting District</u>									5 yr. State Avg.	
	1	2	3	4	5	6	7	8	9		
Percent soybeans harvested	96	99	98	97	97	96	96	94	93	97	84
Percent field corn harvested	48	43	48	47	43	47	45	38	43	45	47
Days suitable for fieldwork	6	7	6	7	6	5	7	6	6	6	NA
Motor fuel supply percent of normal	95	94	90	98	94	91	95	94	93	94	NA
Percent fall plowing completed	20	28	31	22	24	23	10	15	23	22	NA

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)
(OVER)



WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
NW	38	-4	+1	+3	0.1	-0.2	-0.1	+0.5
NC	37	-5	+1	+3	0.1	-0.3	-0.3	+0.4
NE	39	-4	+2	+4	0.2	-0.3	-0.7	-1.0
WC	39	-5	+1	+3	0.1	-0.3	-0.7	+1.1
C	40	-5	+1	+3	0.2	-0.2	-0.5	+0.8
EC	41	-4	+1	+3	0.3	-0.2	-0.5	-1.1
SW	41	-6	-1	+2	T	-0.4	-0.8	+1.7
SC	42	-5	+1	+4	0.2	-0.3	-0.7	+1.1
SE	42	-5	+1	+3	0.3	-0.2	-0.5	-0.7

*Departures are computed from 1931-60 normals.

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73-32

Released Monday at 3:00 p.m., CST, November 12, 1973

Des Moines, Iowa

Week Ending November 12, 1973

WEATHER: Cold high pressure dominated the week's weather until warming returned on the weekend. Temperatures averaged well below normal for the second consecutive week. Record or near record low temperatures were observed Friday and Saturday morning with 8 degrees F. at Atlantic on Friday, the coldest so far this season. Warmest was 61 degrees F. at Sioux City on Sunday. Precipitation was also below normal with traces of drizzle on Tuesday and Wednesday. Snowfall of 1-3 inches was observed in southern counties on Thursday.

CROPS: One month of excellent harvesting weather in the State pushed soybean harvest to virtual completion and corn harvest to 72 percent completion. Seven days were suitable for fieldwork for the week ending Friday, November 9. As in the several previous weeks, motor fuel supplies were adequate for harvesting operations. Fertilizer supplies were reported as being less than adequate. Topsoil moisture reports indicated supplies as 3 percent short, 96 percent adequate, and 1 percent surplus. Fall plowing operations were underway and recorded as 35 percent complete.

CORN: Harvesting of Iowa's corn crop was 72 percent complete compared to the five year average of 57 percent. Corn harvesting was most advanced in northwest Iowa with 78 percent completion and least advanced in southwestern Iowa with 61 percent completion.

OTHER CROPS: Seeding of Iowa's winter wheat was essentially complete. Grain sorghum harvest was 82 percent complete with the average 74 percent. Popcorn harvesting operations were reported as being 92 percent complete.

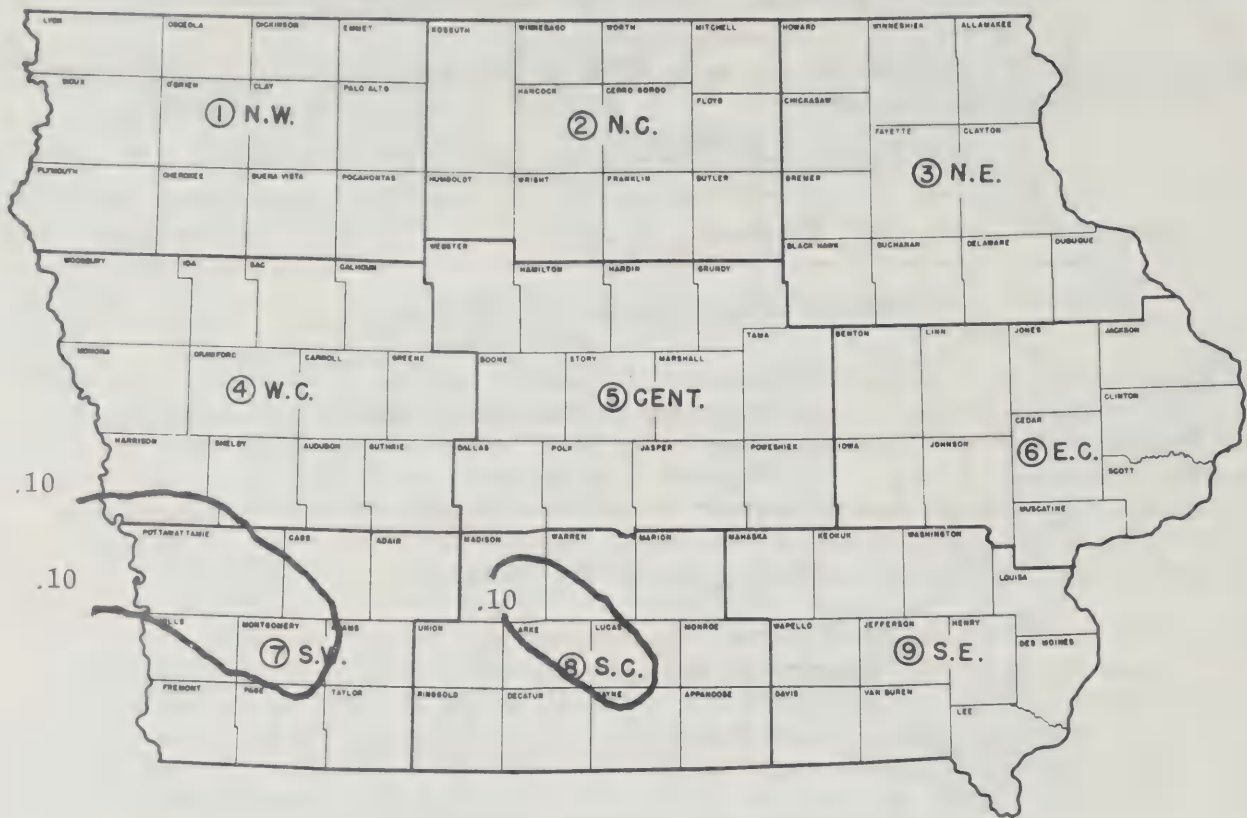
IOWA WEEKLY CROP SUMMARY

Stage of Crop Progress and/or Development as of November 12, 1973	Crop Reporting District										5 yr. Avg.
	1	2	3	4	5	6	7	8	9	State	
Percent field corn harvested	78	67	72	76	66	68	61	65	65	72	57
Days suitable for fieldwork	7	6	7	7	7	7	6	7	7	7	NA
Percent fall plowing completed	41	41	42	30	33	25	23	29	32	35	NA

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

(OVER)

PRECIPITATION FOR WEEK ENDING 6:00 A. M., CST, NOVEMBER 12, 1973



WEEKLY WEATHER BY DISTRICTS

District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
NW	32	-6	-5	-1	T	-0.3	-0.5	-0.8
NC	32	-6	-6	0	T	-0.4	-0.7	-1.1
NE	31	-8	-6	-1	T	-0.4	-0.7	-1.6
WC	33	-7	-6	0	T	-0.3	-0.6	-1.4
C	34	-6	-6	-1	T	-0.4	-0.6	-1.3
EC	32	-9	-6	-2	T	-0.5	-0.7	-1.6
SW	35	-8	-7	-1	0.1	-0.3	-0.7	-1.6
SC	36	-7	-6	0	0.1	-0.4	-0.7	-1.6
SE	34	-9	-7	-2	T	-0.5	-0.7	-1.5

*Departures are computed from 1931-60 normals.

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WEEKLY WEATHER AND CROP REPORT

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121 IOWA DEPARTMENT OF AGRICULTURE 73-33

Released Monday at 3:00 p.m., CST, November 19, 1973 Des Moines, Iowa

Week Ending November 19, 1973

WEATHER: Unseasonably warm at start of week followed by a turn to colder on Thursday and Friday. The warmth of the week with temperatures averaging about 9 degrees above normal more than offset the coolness of the previous week. Extremes were 71 degrees at Lamoni and Council Bluffs on the 13th and 22 degrees at Sanborn on the 16th. Des Moines registered a new record for the 13th with a high of 70 degrees. Showers and thunderstorms moved across the state on the 14th and 15th leaving the most precipitation since the second week of October. Heaviest amounts were across the northern third, and the amounts ranged from 2 inches at Swea City to none at Burlington. Northeastern counties reported a trace of snow. About one half of the week was partly cloudy, the rest, cloudy.

CROPS: Corn harvesting operations are 86 percent complete due to continued good harvesting weather during the week. Six days were suitable for fieldwork for the week ending Friday, November 16. Motor fuel supplies were adequate for the week's harvesting operations. Sixty-nine percent of reports indicated fertilizer supplies for current farm work were short and 31 percent of reports indicated supplies were adequate. Of those reporting shortages, comments indicate that some fertilizer suppliers are short of a particular type of fertilizer while others are completely out for now. In the areas where there are no supplies available, farmers are reported to be fall plowing without fertilizer.

Grain sorghum harvest is 91 percent complete compared to the average 84 percent. Top-soil moisture supplies were 3 percent short, 90 percent adequate, and 7 percent surplus.

CORN: Iowa's corn crop is 86 percent harvested compared to the five year average of 71 percent and last year's 46 percent. Corn harvesting was most advanced in northwest Iowa with 90 percent complete and least advanced in south central and southeastern Iowa with 80 percent and 81 percent completion respectively.

FALL PLOWING: Fall plowing was reported to be 49 percent complete in the state. Iowa's fall plowing operations are most advanced in north central Iowa with 65 percent completion and least advanced in southwest Iowa with 30 percent completion.

IOWA WEEKLY CROP SUMMARY

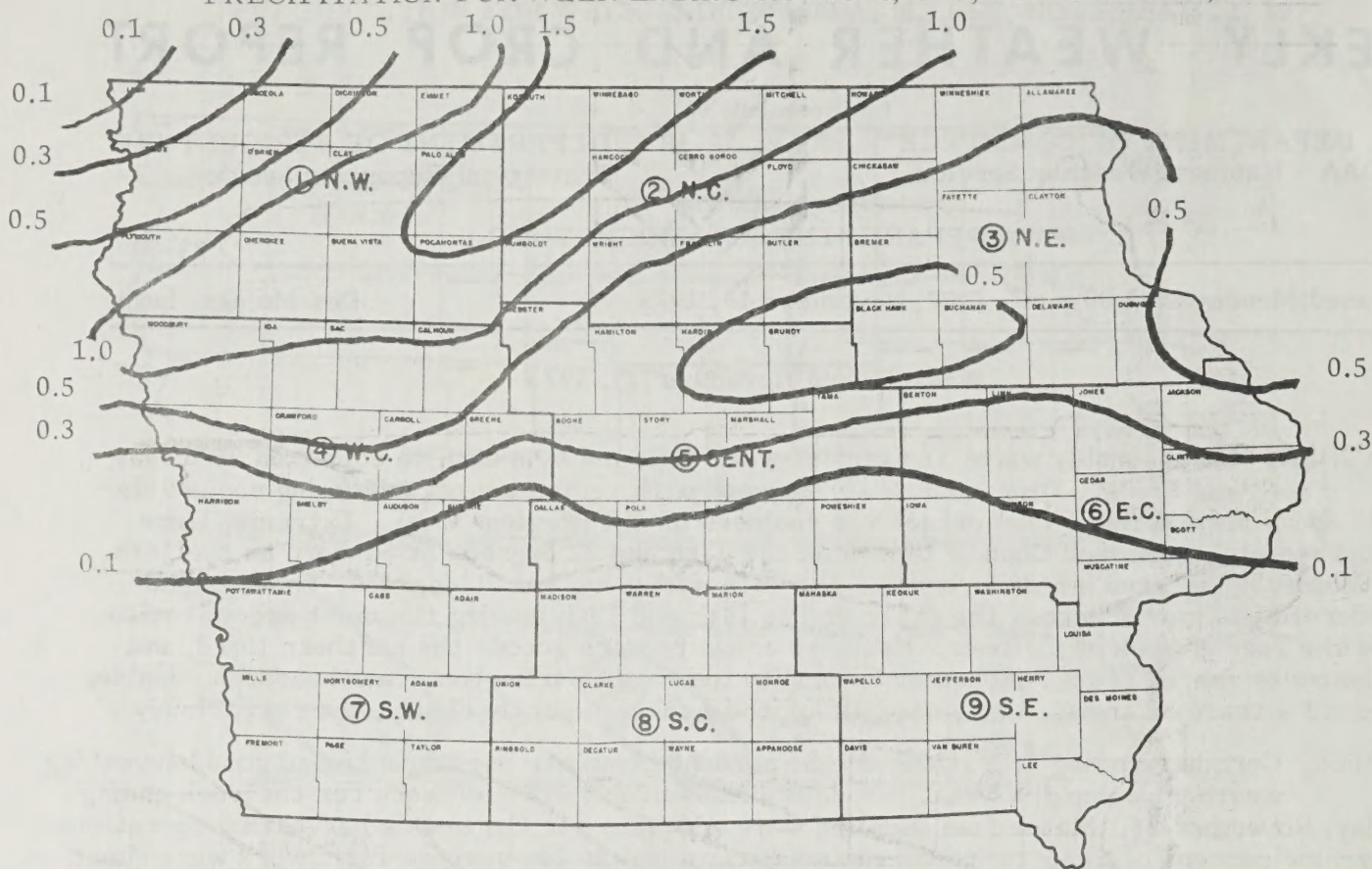
Stage of Crop Progress and/or Development as of November 19, 1973	Crop Reporting District										5 yr. Avg.
	1	2	3	4	5	6	7	8	9	State	
Percent field corn harvested	90	89	86	89	86	84	85	80	81	86	71
Days suitable for fieldwork	5	5	6	5	6	6	7	6	6	6	NA
Percent fall plowing completed	52	65	51	47	49	42	30	44	46	49	NA

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

A weekly release based on tabulation of reports of export grain sales submitted to USDA's Statistical Reporting Service (SRS) as required by Section 812 of the Agriculture and Consumer Protection Act of 1973, will be re-issued by this office. If you desire to receive this report, please tear off this portion of this report containing your name, address, and mailing codes and return to this office.

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PRECIPITATION FOR WEEK ENDING 6:00 A.M., CST, NOVEMBER 19, 1973



WEEKLY WEATHER BY DISTRICTS

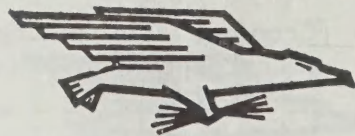
District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
NW	42	+8	+1	+1	0.9	+0.6	+0.3	+0.2
NC	43	+9	+2	+1	1.0	+0.6	+0.2	-0.1
NE	43	+8	0	+1	0.5	+0.1	-0.3	-1.0
WC	45	+8	+1	+1	0.4	+0.1	-0.2	-0.9
C	45	+8	+1	+1	0.3	-0.1	-0.5	-1.0
EC	46	+8	-1	0	0.2	-0.3	-0.8	-1.3
SW	48	+9	+1	0	T	-0.3	-0.6	-1.4
SC	49	+10	+2	+1	T	-0.4	-0.8	-1.5
SE	49	+10	+1	+1	0	-0.4	-0.9	-1.4

*Departures are computed from 1931-60 normals.

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73-34

Released Monday at 3:00 p.m., CST, November 26, 1973

DEC 31 1973 Des Moines, Iowa

Week Ending November 26, 1973

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

WEATHER: An area of rain with a few thunderstorms started in the western counties on the 19th, covered the state on the 20th, and departed the 21st. Showers also moved across the state the night of the 23rd. Most rainfall amounts for the week were between 1 and 2 inches; the most reported was from Spencer with 3.07 inches. The Thanksgiving holiday was sunny and mild. Temperatures ran about 8 degrees above normal for the second successive week. Day to day variations were minor. Highest in the week was 60 degrees at Burlington and Davenport on the 20th. Lowest was 20 degrees at Fayette on the 23rd.

CROPS: Harvesting of Iowa's record corn crop is nearing completion with 94 percent of the crop harvested. Intended fall plowing has progressed to 59 percent completion. Slightly more than four days were suitable for fieldwork for the week ending Friday, November 23. Seventy percent of reports indicated fertilizer supplies for current farm work were short and 30 percent of reports indicated supplies were adequate. In the areas where there were no supplies available, farmers were reported to be continuing fall plowing without applying fertilizer. Motor fuel supplies were recorded as 91 percent adequate and 9 percent short.

Grain sorghum harvest has virtually reached completion at 98 percent. Topsoil moisture supplies for the week were 1 percent short, 66 percent adequate, and 33 percent surplus.

CORN: Statewide, the corn crop is 94 percent harvested compared to the five year average of 83 percent and last year's 62. Corn harvesting was most advanced in northeast Iowa with 96 percent completion and least advanced in southeast Iowa with 89 percent completion.

IOWA WEEKLY CROP SUMMARY

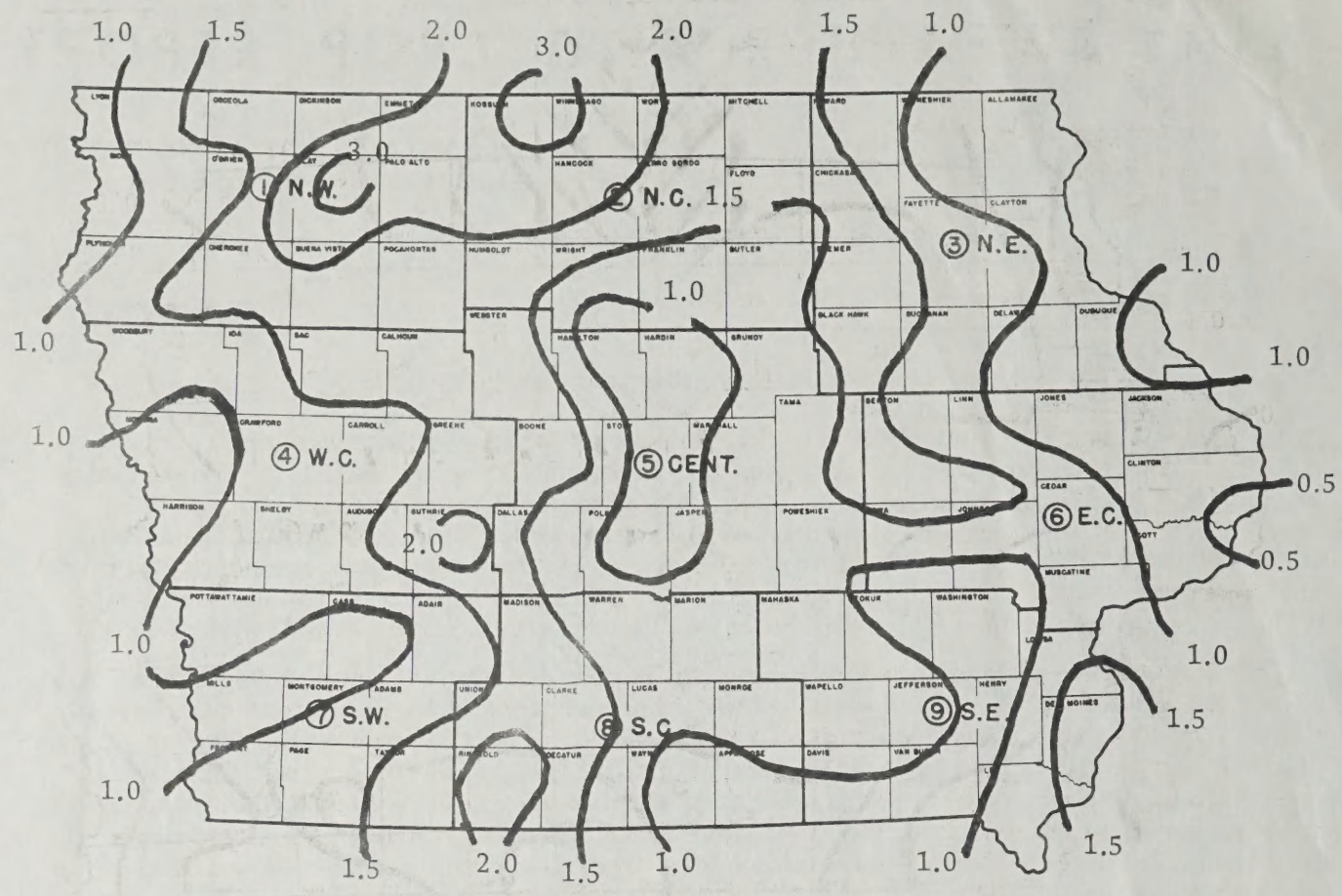
Stage of Crop Progress and/or Development as of November 26, 1973	Crop Reporting District										5 yr. State Avg.
	1	2	3	4	5	6	7	8	9	State	
Percent field corn harvested	93	93	96	92	94	92	91	91	87	94	83
Days suitable for fieldwork	3	3	6	4	5	5	4	4	4	4	NA
Percent fall plowing completed	62	67	75	52	57	58	44	51	53	59	NA

(Crop and field developments are estimates through Monday based on reports of correspondents through Saturday and weekly trends in similar seasons.)

This is the final Weekly Crop and Weather Report for 1973. Weekly reports will be resumed in April 1974. The fine continued cooperation of our weekly crop and weather reporters have made this service possible for Iowa agriculture.

(OVER)

PRECIPITATION FOR WEEK ENDING NOVEMBER 26, 1973



WEEKLY WEATHER BY DISTRICTS

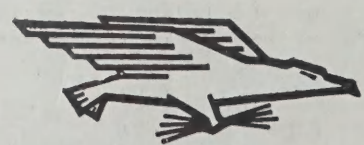
District	TEMPERATURE (degrees)				PRECIPITATION (inches)			
	Average Last Week	Departure*			Average Last Week	Departure*		
		Last Week	Last 2 Weeks	Last 4 Weeks		Last Week	Last 2 Weeks	Last 4 Weeks
NW	38	+7	+8	+1	1.6	+1.3	+1.9	+1.4
NC	40	+9	+9	+2	1.8	+1.4	+2.0	+1.3
NE	41	+10	+9	+2	1.2	+0.8	+0.9	+0.2
WC	39	+5	+7	0	1.4	+1.1	+1.2	+0.6
C	42	+8	+8	+1	1.2	+0.8	+0.7	+0.1
EC	43	+9	+9	+1	1.0	+0.6	+0.3	-0.4
SW	41	+6	+8	0	1.2	+0.9	+0.6	-0.1
SC	44	+8	+9	+2	1.4	+1.0	+0.6	-0.1
SE	44	+8	+9	+1	1.2	+0.8	+0.4	-0.3

*Departures are computed from 1931-60 normals.

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